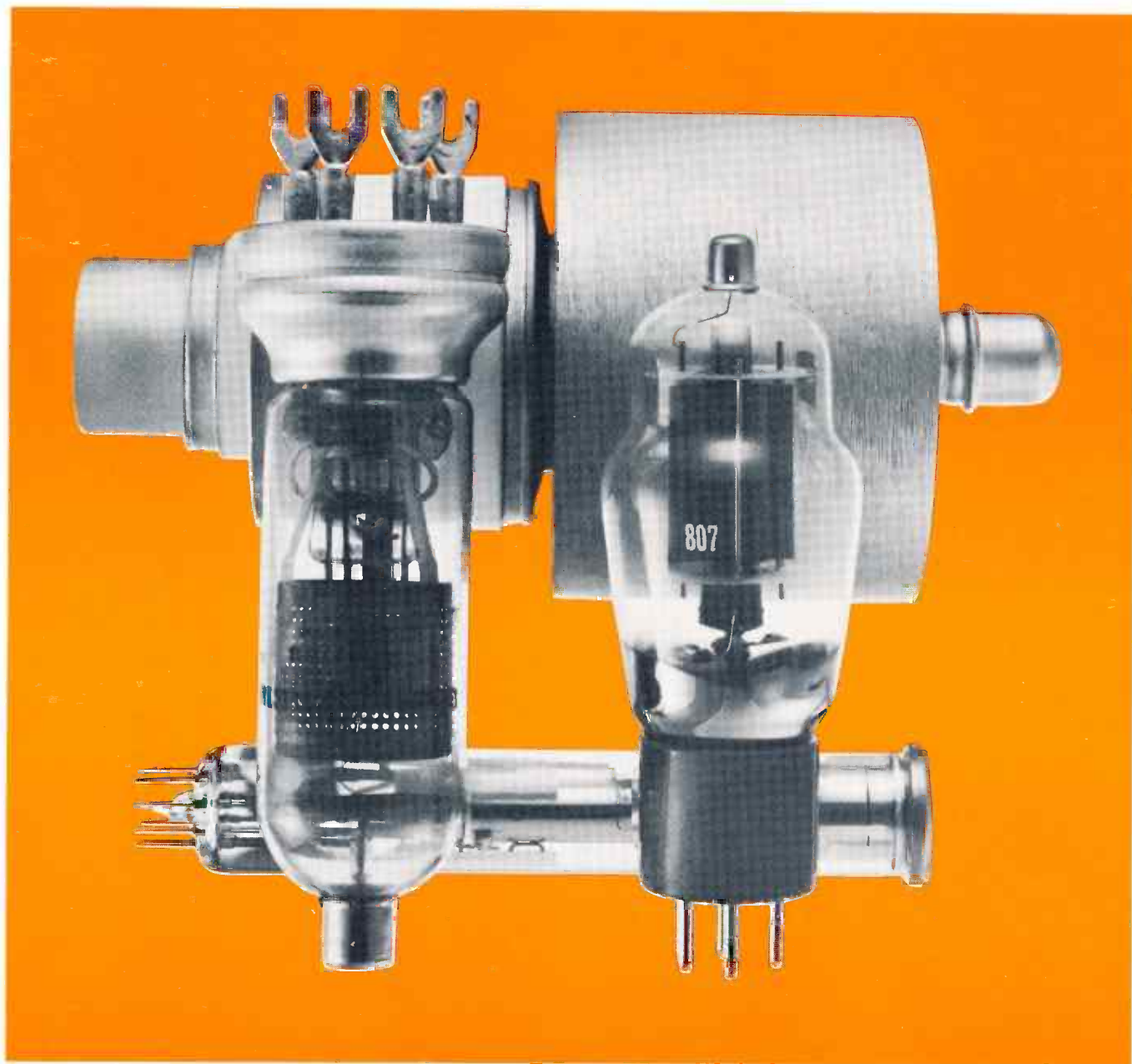


GENERAL ELECTRIC

INDUSTRIAL TUBE PRODUCTS GUIDE

Receiving/Transmitting/Power and Special Purpose Tubes for Commercial and Industrial Applications



RATINGS · CHARACTERISTICS · INTERCHANGEABILITY · APPLICATION DATA

Tube Products Department • Owensboro, Kentucky 42301

GENERAL  **ELECTRIC**

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GENERAL ELECTRIC

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C16J use 5665/C16J	37	GE-18651AL	32	GL-7669	46	Y-1774	32	2C40 use 2C40A	30
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FG-33 use 5720	38	GL-415 use GL-5550	46	GL-7671-PC	46	Z7802S	50	2C46	30
FG-57 use 5559/FG-57	37	GL-857-B	46 & 47	GL-7673	46 & 48	Z7803	50	2D21	3 & 36
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3CW5000F1/8241	15	4CX250F use 4CX250FG/8621	18	6BE6W use 5750/6BE6W	3	393-A	36	740P/6857	37	4804A/P1/P2/P4	50
3CW5000F3/8243	15	4CX250F use 4CX250FG/8621	18	6C4WA	3	404A use 5847/404A	23	760 use 6858/760	38	4804A/P5	50
3CW5000H3	15	4CX250M/8245	18	6C5	3	407A	5	760L/7023	37	4804B	50
3CW1000A3	15	4CX250M/8246	18	6C21	20	408A	5	760P use 6859/760-P	38	4804B/P1/P2/P4	50
3CW1000H3	15	4CX250R/7580W	18	6D4	3 & 36	417A use 5842/417A	23	770L	37	4804B/P5	50
3CW2000A1	15	4CX300A/8167	18	6D18/ECC88	4	450TH	21	805	22	4804H	50
3CW2000A3	15	4CX300A/8561	18	6F5	4	450TL	21	807	5	5544/734	37
3CW2000A7	15	4CX350A/8321	18	6F6	4	473 use 5736/473	23	810	22	5557/FG-17/715	37
3CW3000H3	15	4CX350F/8322	19	6H6	4	502A use 2050/2050A	5 & 37	811A	22	5558/FG32	43
3CW4000H3	15	4CX600B	19	6I5	4	572B/T160L	21	812A	22	5559/FG-57	37
3CW100A5 use 7289	30	4CX600F	19	6I7	4	610/7723	42	862-A	22	5660/FG-95	37
3CX1000A1/8283	15	4CX1000A/8168	19	6K7	4	614 use 610/7723	42	866-A	43	5561/FG-104	43
3CX1500A7/8877	15	4CX1000K/8352	19	6L6WGB	4	615	42	868	52	5563A	37
3CX2500A3/8161	16	4CX1500A	19	6N7	4	616	42	872 use 872-A	43	5575/100/616	41
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3CX2500H3	16	4CX3000A/8169	19	6SC7	4	618 use 660	43	873	37	5581	52
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3CX1500A7/8877	15	4CX5000J/8909	19	6SG7	4	618P use 660P	43	889RA/5667	23	5583	52
3CX3000F1/8239	16	4CX5000R/8170W	19	6SH7	4	619	42	891R	23	5604	23
3CX3000F7/8162	16	4CX10000/8171	19	6SJ7	4	623	42	892R	23	5606	23
3CX5000A3	16	4CX10000J	19	6SK7	8	627	42	892R	23	5606A	23
3CX5000H3	16	4CX15000A/8281	19	6SK7WA use 6137	8	627	42	892R	23	5619	23
3CX10000A1/8158	16	4CX15000J/8910	19	6SQ7	4	632B	36	917	51	5632/C3J	37
3CX10000A3/8159	16	4D21/4-125A	19	6V6	4	635/7019	42	918	52	5642	5
3CX10000A7/8160	16	4E27A/5-125B	19	6X4W use 6202	8	635L/7020	42	919	51	5651	5
3CX10000H3	16	4PR60C/8232W	20	6X4WA use 6202	8	639P/6930	42	921	52	5667 use 889RA/5667	23
3CX15000A3	16	4PR65A/8187	20	6X7WA use 6201	8	643	42	922	51	5684/C31/A	37
3CX15000A7	16	4PR125A/8247	20	12A7/WC use 6201	8	649/5834	43	923	52	5685/C61/A use C61/K/	36
3CX15000H3	16	4PR250C/8248	20	12AX7WA	4	653/5835	43	927	52	5685	6
3CX2000A3	17	4PR400A/8188	20	12AY7	4	660	43	929	51	5687	6
3CX2000A7	17	4PR1000A/8189	20	12H6	5	660L/7786	43	930	52	5687WA	6
3E29	17	4PR1000B	20	12SA7	5	660P	43	931A	51 & 52	5687WA	6
3-200A use 592/3-200A	22	4PR1500A/7034	20	12SF5	5	664L	43	934	51	5687WA	6
3-400Z/8163	17	4X1500/7035	20	12SH7	5	672-A	37	935	51	5687WA	6
3-500Z	17	4X1500G/8172	20	12SJ7	5	677	43	2050 use 2050A/2050	5 & 37	5687WA	6
3-1000Z/8164	17	4X500A	20	12SK7	5	678	37	2050A/2050	5 & 37	5687WA	6
4-65A/8165	17	5-125B use 4E27A/5-125B	19	12S07	5	710 use 7725/710A	38	4409	52	5718	6
4-125A use 4D21/4-125A	19	5-500A	20	12SR7	5	710A use 7726/710AL	38	4532	50	5720	38
4-250A/5D22	17	5CX1500A	20	25T	21	710L use 7726/710AL	37	4532A	50	5725/6AS6W	6
4-400A/8438	17	5CX3000A	20	35T	21	710L/7518	37	4532AH	50	5726/6AL5W	6
4-400A/8438A	17	5D22 use 4-250A/5D22	17	83	5	714/7021	37	4532H	50	5727	6 & 38
4-400B/7527	17	5R4GA	3	100 use 5575/100/616	41	715 use 5557/FG-17/715	37	4652 use 8042/4652	26	5736/473	23
4-400C/6775	17	5R4GA use 5R4GA	3	100TH	21	716/6855	37	4657	23	5749/6BA6W	6
4-500A	17	5R4GB	3	100TL	21	304TH	37	4804	50	5750/6BE6W	6
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		6AC7WA use 6134	17	199 use 8094/199	41						
		6AG7	3	200 use 5576/200	41						
		6AG7WA use 6134	17	250R	41						
		6AK5W use 5654/6AK5W	38	250TH	41						
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		6AL5W use 5726/6AL5W	18	290A	21						
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5796	38	6386	9	6930/635P use 635P/	11	7462	30	8077/7054	12	8270	31	8572A	49	8572A	49
5814-A	7	6420	24	6930	42	7486	30	8082	31	8281 use 4CX15000/	31	8572V	49	8572V	49
5823	7	6421	24	6939	25	7486AL	30	8083	31	8281	41	8573A	49	8573A	49
5824	7	6421F	24	6953	52	7518 use 710L/7518	37	8094/199	41	8281	15	8574A	49	8574A	49
5834 use 649/5834	43	6422	24	6989/C6/KL	38	7518/710L use 710L/	37	8102	12	8283 use 3CX1000A7/	15	8560A/8560AS	26	8560A/8560AS	26
5835 use 653/5835	43	6423	24	6989-Ne	38	7518	38	8106	12	8283	26	8560AS use 8560A/	17	8560AS use 8560A/	17
5842/417A	23	6423F	24	7007	25	7527 use 4-400B/7527	17	8122	26	8283	19	8560AS use 8560A/	26	8560AS use 8560A/	26
5844	7	6424	25	7014/604 use 604/7014	42	7551	11	8122V1 Matched Pair	26	8283 use 3CX1000A7/	19	8560AS	26	8560AS	26
5847/404A	23	6425	25	7015/604L use 604L/	42	7556	36	8136	12	8352 use 4CX1000K/	19	8561 use 4CX300Y/8561	18	8561 use 4CX300Y/8561	18
5855	38	6425F	25	7015	42	7556-Ne	38	8136	12	8352	31	8572A	49	8572A	49
5868	23	6426	25	7016/606 use 606/7016	42	7580W use 4CX250R/	38	8156	12	8403	17	8572V	49	8572V	49
5869/9950	38	6427	25	7017/606L use 606L/	42	7580W	18	8156	16*	8403 use 4-400A/8438	17	8573A	49	8573A	49
5870A	38	6442	30	7017	42	7588	30	8159	16	8438 use 4-400A/8438	26	8574A	49	8574A	49
5877 use 5544/734	37	6442AL	30	7018/615 use 615/7018	42	7609	26	8159	16	8438 use 4-400A/8438	49	8574A	49	8574A	49
5881	7	6463	9	7019/635 use 635/7019	42	7625	30	8159	16	8438 use 4-400A/8438	49	8574A	49	8574A	49
5886	7	6485	9	7020/635L use 635L/	42	7644	30	8159	16	8438 use 4-400A/8438	49	8574A	49	8574A	49
5894/5894A	2	6528	25	7020	42	7698	30	8159	16	8438 use 4-400A/8438	49	8574A	49	8574A	49
5896	7	650A	9	7021/714 use 714/7021	37	7698R	30	8159	16	8438 use 4-400A/8438	49	8574A	49	8574A	49
5902	7	6570	51	7022/740L use 740L/	37	7701	11	8161	16	8438 use 4-400A/8438	49	8574A	49	8574A	49
5918A	24	6623	25	7023/760L use 760L/	37	7716	11	8162	16	8438 use 4-400A/8438	49	8574A	49	8574A	49
5934	41	6660/6BA6	9	7023	37	7716	11	8162	16	8438 use 4-400A/8438	49	8574A	49	8574A	49
5963	7	6661/6BH6	9	7034 use 7034/4X150A	25	7717/6CY5	12	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
5964	7	6662/6B16	9	7035 use 7609	26	7720	30	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
5965A	7	6663/6A15	10	7036	26	7723 use 610/7723	42	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
5988A	7	6664/6ABA	10	7038	49	7723-Ne	43	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6005/6AQ5W	7	6669/6AQ5A	10	7038V	49	7724	12	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
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6012	38	6677/6CL6	10	7044	49	7725/710AL	38	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6014/CLK	38	6678/6UBA	10	7038V	49	7726/710AL	38	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6046	7	6679/12A17	10	7038V	49	7726/710AL	38	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6072A	7	6680/12AU7A	10	7038V	49	7726/710AL	38	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6076	24	6681/12AX7	10	7038V	49	7726/710AL	38	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6076A	24	6688	10	7038V	49	7726/710AL	38	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6080	7	6693	43	7044	49	7726/710AL	38	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6111	8	6696	25	7044	49	7726/710AL	38	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6134	8	6696A	25	7044	49	7726/710AL	38	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6135	8	6697	25	7044	49	7726/710AL	38	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6136	8	6697A	25	7044	49	7726/710AL	38	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6137	8	6699A	25	7044	49	7726/710AL	38	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6146A	8	6775 use 4-400C/6775	17	7094	26	7768	31	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6146B/8239A	8	6807	38	7167	11	7785	31	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6155	24	6808	38	7203 use 4CX250B/7203	18	7786	31	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6156	24	6809	38	7204 use 4CX250FG/	18	7786 use 660L/7786	43	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6161	24	6816	25	8621	30	7786-Ne	43	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6166A use 7007	24	6816	25	8621	30	7788	26	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6189/12AU7WA	8	6829	10	7211	18	7815	31	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6197	8	6855/716 use 716/6855	10	7211	18	7815AL	31	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6201	8	6856/740 use 740/6856	37	8621	30	7815R	31	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6202	8	6857/740P use 740P/	37	7211	30	7815RAL	31	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6203	9	6858/760	38	7226A	49	7841	31	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6211A	9	6859/760-P	38	7233	49	7841	31	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
6265	9	6860 use C6/P/6860	36	7239	49	7841	31	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
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6336A	24	6884	25	7266	30	7841	31	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49
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		6897/2C39B	30	7266	30	7841	31	8163	17	8438 use 4-400A/8438	49	8574A	49	8574A	49

TYPE	DESCRIPTION	GENERAL			MAXIMUM RATINGS			TYPICAL OPERATING CONDITIONS																
		Base Connections	Dimensions in inches		Cathode	Max. Freq. for Full Ratings, Mhz	DC Plate Volts	Plate Dissipation	Screen Erid No. 2 Volts	Screen Dissipation	CLASS AND TYPE OF SERVICE	Voltages		Screen No. 2 Control Erid No. 1	Plate, ma	Currents		Triode μ Factor	Drive Watts	Load (for Rated Output Ohms)	Power Output Watts			
			Length	Shimrater								Volts	Current Amps			Screen No. 2	Control					Screen No. 2	Control	BM μ Phos
0A2	Glow-Discharge Diode Voltage Regulator	5B0	2.625	0.750	—	—	Regulation (5 to 30 ma)=2 volts Min. anode supply=185 volts DC	—	—	—	—	DC operating current=5 ma min. DC operating current=30 ma max.	—	—	—	—	—	—	—	—	Ionizing voltage=155 volts DC* Operating voltage=150 volts DC*			
0A3	Glow-Discharge Diode Voltage Regulator	4A1	4.125	1.562	—	—	Regulation (5 to 40 ma)=5 volts Min. anode supply=105 volts DC	—	—	—	—	DC operating current=5 ma min. DC operating current=40 ma max.	—	—	—	—	—	—	—	—	Ionizing voltage=100 volts DC* DC operating voltage=75 volts DC*			
0A4G	Gas Triode	4V	4.125	1.562	—	—	—	—	—	—	—	DC cathode current=100 ma max. DC cathode current=25 ma max.	—	—	—	—	—	—	—	—	Starter anode drop=55 volts DC* Anode drop=70 volts DC*			
0B2	Glow-Discharge Diode Voltage Regulator	5B0	2.625	0.750	—	—	Regulation (5 to 30 ma)=1 volt Min. anode supply=133 volts DC	—	—	—	—	DC operating current=5 ma min. DC operating current=30 ma max.	—	—	—	—	—	—	—	—	Ionizing voltage=115 volts DC* Operating voltage=105 volts DC*			
0B3	Glow-Discharge Diode Voltage Regulator	4A1	4.125	1.562	—	—	Regulation (5 to 40 ma)=8 volts Min. anode supply=125 volts DC	—	—	—	—	DC operating current=5 ma min. DC operating current=40 ma max.	—	—	—	—	—	—	—	—	Ionizing voltage=110 volts DC* Operating voltage=90 volts DC*			
0C3/	Glow-Discharge Diode Voltage Regulator	4A1	4.125	1.562	—	—	Regulation (5 to 40 ma)=2 volts Min. anode supply=133 volts DC	—	—	—	—	DC operating current=5 ma min. DC operating current=40 ma max.	—	—	—	—	—	—	—	—	Ionizing voltage=115 volts DC* Operating voltage=105 volts DC*			
003/	Glow-Discharge Diode Voltage Regulator	4A1	4.125	1.562	—	—	Regulation (5 to 40 ma)=4 volts Min. anode supply=185 volts DC	—	—	—	—	DC operating current=5 ma min. DC operating current=40 ma max.	—	—	—	—	—	—	—	—	Ionizing voltage=160 volts DC* Operating voltage=150 volts DC*			
003A	Gas Filled Voltage Regulator	4A1	3.062	1.281	—	—	Regulation (5 to 40 ma)=5.5 volts	—	—	—	—	DC operating current=5 ma min. DC operating current=40 ma max.	—	—	—	—	—	—	—	—	Ionizing voltage=180 volts DC* Operating voltage=150 volts DC*			
2D21	Thyratron	7B1	2.125	0.750	6.3	0.6	Anode voltage drop=8 volts	—	—	—	—	Max. DC cathode current=100 ma Max. peak inverse voltage=1,300 ma	—	—	—	—	—	—	—	—	Max. peak cathode current=500 ma			
2D21W	Use 5Z7																							
2E26	Beam Power Amplifier	70K	2.656	1.312	6.3	0.8	CU	125	300	10	200	2.5	A1(1) CCS	250	180	-14	35	-42	7	-10*	3	5,500	4	
													C-T CCS	400	190	30	75	11	11	3	0.15	—	20*	
													C-T CCS	500	185	40	60	11	3	3	0.15	—	20*	
													C-T ICAS	600	185	45	66	10	3	3	0.17	—	27*	
5R4GA	Full-Wave, High-Vacuum Rectifier	5T	4.937	1.562	5.0	2.0	CF	—	—	—	—	—	Tube voltage drop per section = 67 volts at 250 ma DC	—	—	—	—	—	—	—	—	—	—	
													Max. DC output current=150 ma; max. peak inverse voltage = 3,100 volts; rms supply voltage per plate=1,000 volts; max. peak current per plate=715 ma	—	—	—	—	—	—	—	—	—	—	
5R4GB	Full-Wave Vacuum Rectifier	5T	4.25	1.562	5.0	2.0	CF	—	—	—	—	—	Tube voltage drop per section = 65 volts at 250 ma DC	—	—	—	—	—	—	—	—	—	—	
													Max. DC output current=150 ma; max. peak inverse voltage = 3,100 volts; rms supply voltage per plate=1,000 volts; max. peak current per plate=715 ma	—	—	—	—	—	—	—	—	—	—	
6AC7	Metal RF Pentode	8N	2.625	1.313	6.3	4.50	CU	—	300	3.02	300	.38	Class A1 Amp.	300	300	—	10	2.5	—	—	—	—	3.02	
6AG7	Metal Power Amplifier Pentode	8Y	3.25	1.313	6.3	0.65	CU	—	300	9.0	300	1.5	Class A1 Amp.	300	150	-3	30.5	9.0	—	—	—	—	10,000	3.0
6AK5WB	See 5654/6AK5WB (Same as 5654 except for capacitance)																							
6AN5	Beam Power Amplifier	7BD	2.125	0.750	6.3	0.45	CU	—	120	4.2	120	1.4	Class A Amp.	120	120	RK=120	35	12	—	—	—	—	2,500	1.3
6AS6	Dual-Control RF Pentode	70M	1.750	0.750	6.3	0.175	CU	—	180	1.7	140	0.75	Class A Amp.	120	120	-2.0	5.2	3.5	—	—	—	—	—	
													Class A Amp.	120	120	-2.0	3.6	4.8	—	—	—	—	—	
6AS7GA	Low-Mu Twin Triode	8BD	4.250	1.562	6.3	2.5	CU	—	250	13\$	—	—	DC Amp.	135	—	RK=250	125	—	—	—	—	—	—	
6C4WA	See 6135 (Same except heater current of 0.15 amp)																							
6C5	Metal Medium-Mu Triode	6Q	2.625	1.313	6.3	0.300	CU	—	300	2.5	—	—	Relay Tube voltage drop* = 16 volts at 25 ma DC; max. DC cathode current=25 ma; Control max. voltage between elements=450 volts; max. peak cathode current=100 ma	250	—	-8	8	—	—	—	—	10,000	2.5	
6D4	Gas Thyatron—Miniature	5AY	2.125	0.750	6.3	0.25	CU	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	

Footnotes on page 12.

Base drawings on pages 13 and 14.

INDUSTRIAL/COMMUNICATION/ALLIED RECEIVING TUBES


GENERAL ELECTRIC

TYPE	DESCRIPTION	GENERAL				MAXIMUM RATINGS				TYPICAL OPERATING CONDITIONS															
		Base Connections	Dimensions in inches		Cathode		Max. Freq. for Full Ratings, Mhz	DC Plate Volts	Plate Dissipation Watts	Screen Grid No. 2 Volts	Screen Dissipation Watts	CLASS AND TYPE OF SERVICE	Voltages			Currents			Triode μ Factor	Drive Watts	Load for Rated Output (Ohms)	RMS Power Output Watts			
			Length	Diameter	Volts	Current							Type	Plate	Screen Grid No. 2	Control Grid No. 1	Plate ma	Screen Grid No. 2					Control Grid No. 1, ma	GM μ mos	
6D18/ ECC88	Twin Triode	9A	2.062	0.875	6.3	0.365	—	130	1.8	—	—	Class A Amp.	90	—	-1.3	15	—	12,500	33	—	—	—	—		
6F5	Metal High-Mu Triode	5M	3.125	1.313	6.3	0.300	CU	300	—	—	—	Class A ₁ Amp.	250	—	-2	0.9	—	1,500	100	—	—	1.0 meg	—		
6F6	Metal Power Amplifier Pentode	7AC	3.25	1.313	6.3	0.700	CU	375	285	11	3.75	A ₁ (1) Pentode A ₁ (1) Triode	285 250	-20 -20	40 34	13	—	2,550 2,600	6.8	—	—	7,000 4,000	4.8 0.85		
6H6	Metal Double Diode	7Q	1.750	1.313	6.3	0.300	CU	150	—	—	—	A ₁ (2) Pentode AB ₂ (2) Pentode AB ₂ (1) Triode	315 375 350	-24 -26 -38	80 82 92	19.5 19.5	—	—	—	—	—	—	10,000 10,000 6,000	11.0 18.5 13.0	
6I5	Metal Medium-Mu Triode	6Q	2.625	1.313	6.3	0.300	CU	300	2.5	—	—	HW Volt Doubler FW Rectifier	117 117	—	—	8 8	—	—	—	—	—	—	—	—	—
6I7	Metal SCO Pentode	7R	3.125	1.313	6.3	0.300	CU	250	1.75	300	0.10	A ₁ Triode A ₁ Pentode	250 250	-8 -3	6.5 2.0	0.5	—	1,900 1,225	20	—	—	10,500 1.0 meg	—	—	
6K7	Metal RCO RF Pentode	7R	3.125	1.313	6.3	0.300	CU	300	2.75	300	0.35	A ₁ Amplifier	250	-3	10.5	2.6	—	1,650	—	—	—	—	—	—	—
6L6WGB	Beam Power Amplifier	7AC	3.500	1.438	6.3	0.9	CU	400	26.0	300	3.5	Class-A Amp.	250	-14	72	5.0	—	6,000	—	—	—	—	—	—	6.5
6N7	Metal Twin Triode PA	8B	3.25	1.313	6.3	0.800	CU	300	1.0	—	—	A ₁ Amplifier Triodes Parallel connected B Power Amp.	294 300	-6 0	7.0 —	—	—	3,200	35	—	—	11,000 1,000	—	—	
6SA7	Metal Pentagrid Converter	8R	2.625	1.313	6.3	0.300	CU	300	1.0	100	1.0	Converter	250	-2	3.5	8.5	—	450	—	—	—	—	—	—	10
6SC7	Metal High-Mu Twin Triode	3S	2.625	1.313	6.3	0.300	CU	250	—	—	—	A ₁ Amplifier	250	-2	2.0	—	—	1,325	70	—	—	53,000	—	—	
6SF5	Metal High-Mu Twin Triode	6AB	2.625	1.313	6.3	0.300	CU	300	—	—	—	A ₁ Amplifier Resistance Coupled Amp.	250 300	-2 0	0.9	—	—	1,500	100	—	—	66,000 0.25 meg	—	—	
6SG7	Metal SRCO RF Pentode	8BK	2.625	1.313	6.3	0.300	CU	300	3.0	300	0.6	A ₁ Amplifier	250	-2.5	9.2	3.4	—	4,000	—	—	—	1.0 meg	—	—	
6SH7	Metal SCO RF Pentode	8BK	2.625	1.313	6.3	0.300	CU	300	3.0	300	0.7	A ₁ Amplifier	250	-1.0	10.8	4.1	—	4,900	—	—	—	900,000	—	—	
6SL7	Metal SCO Pentode	8N	2.625	1.313	6.3	0.300	CU	300	2.5	300	0.4	A ₁ Triode A ₁ Pentode	250 250	-8.5 -3.0	9.2 3.0	0.8	—	2,500 1,650	19	—	—	7,600 1.0 meg	—	—	
6SK7	Metal RCO RF Pentode	8N	2.625	1.313	6.3	0.300	CU	300	4.0	300	0.4	A ₁ Pentode	250	-3.0	9.2	2.6	—	2,000	—	—	—	0.8 meg	—	—	
6SQ7	Metal Duplex Diode High-Mu Triode	8Q	2.625	1.313	6.3	0.300	CU	300	0.5	—	—	A ₁ Triode Triode Resistance Coupled Amp.	250 250	-2 0	1.1 —	—	—	1,175	100	—	—	0.85 meg 0.47 meg	—	—	
6V6	Metal Beam Power Amp.	7AC	3.25	1.313	6.3	0.300	CU	315	12	285	1.0	A ₁ Single Tube AB ₁ Push-pull Amp.	315 285	-13 -19	35 70	6 4	—	3,750 3,600	—	—	—	77,000 8,000	5.5 14		
12AX7WA	High-Mu Twin Triode	9A	2.187	0.875	12.6	0.15	CU	330	1.15	—	—	Class A Amp.	250	-2.0	1.2	—	—	1,650	100	—	—	—	—	—	
12AY7	Twin Triode	9A	2.187	0.875	6.3	0.3	CU	300	1.55	—	—	Class A Amp.	250	-4.0	3.0	—	—	1,750	44	—	—	—	—	—	

(per section)

INDUSTRIAL/COMMUNICATION/ALLIED RECEIVING TUBES



TYPE	DESCRIPTION	GENERAL				MAXIMUM RATINGS							TYPICAL OPERATING CONDITIONS												
		Dimensions in inches		Cathode		Base Connections	Full Ratings, MHz	DC Plate Volts	Plate Dissipation	Screen Volts	Screen Dissipation	CLASS AND TYPE OF SERVICE	Voltages			Currents			Grids & Filaments	Triode & Factor	Drive Watts	Load for Rated Output (ohms)	Power Output RMS		
		Length	Diameter	Volts	Current								Type	Plate	Screen No. 2	Control No. 1	Plate, ma	Screen No. 2						Control No. 1, ma	Grid No. 1
5670*	High-Frequency Twin Triode	1.750	0.875	6.3	0.35	CU	—	330	1.35	—	Class A Amp.	150	—	—	—	—	2.8	—	5,500	35	—	—	—	—	—
5686*	Beam Power Amplifier	2.187	0.875	6.3	0.35	CU	—	275	7.5	—	Class A Amp.	250	250	—	—	—	27	—	3,100	—	—	—	—	—	—
5687*	Medium-Mu Twin Triode	2.187	0.875	12.6	0.45	CU	160	300	4.2	—	Class A Amp.	180	180	—	—	—	30	—	8,500	17	—	—	—	—	—
5687WA and WB*	Low-Mu Twin Triode	2.187	0.875	12.6	0.45	CU	160	330	3.75	—	Class A Amp.	180	180	—	—	—	30	—	5,400	16	—	—	—	—	—
5691	High-Mu Twin Triode	2.875	1.281	6.3	0.6	CU	—	275	1.05	—	Class A Amp.	250	—	—	—	—	2.3	—	1,600	70	—	—	—	—	—
5692	Medium-Mu Twin Triode	2.875	1.281	6.3	0.6	CU	—	275	1.75	—	Class A Amp.	250	—	—	—	—	6.5	—	2,200	20	—	—	—	—	—
5693	Sharp-Cutoff Pentode	2.625	1.312	6.3	0.3	CU	—	300	2.0	—	Class A Amp.	250	100	—	—	—	3.0	—	1,650	—	—	—	—	—	—
5696A	Gas Thyatron Miniature	1.750	0.750	6.3	0.150	CU	—	500	—	—	Relay & Grid Controlled	500	—	—	—	—	—	—	—	—	5	—	—	—	—
5718	Subminiature Medium-Mu Triode	1.375	0.400	6.3	0.150	CU	—	165	3.3	—	UHF oscillator	150	—	—	—	—	13.0	—	6,500	27	—	—	—	—	—
5725/ 6A56W*	Dual-Control RF Pentode	1.750	0.750	6.3	0.175	CU	—	200	1.65	—	Class A Amp.	120	120	—	—	—	5.2	—	3,200	Eg=0 volts	—	—	—	—	—
5726/ 6AL5W*	Twin Diode	1.750	0.750	6.3	0.30	CU	—	—	—	—	Half-Wave Rectifier	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5727*	Thyratron	2.125	0.750	6.3	0.6	CU	—	—	—	—	Controlled Rectifier	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5749/ 6B86W*	Remote-Cutoff RF Pentode	2.125	0.750	6.3	0.3	CU	—	330	3.1	—	Class A Amp.	250	100	—	—	—	11.0	—	4,400	—	—	—	—	—	—
5750/ 6BE5W*	Pentagrid Converter	2.125	0.750	6.3	0.3	CU	—	330	1.1	—	Converter	250	100	—	—	—	2.6	—	lg ₁ =0.5 ma; Rg ₁ =20,000 ohms	—	—	—	—	—	—
5751*	High-Mu Twin Triode	2.187	0.875	12.6	0.175	CU	—	330	0.8	—	Class A Amp.	250	250	—	—	—	1.0	—	1,200	70	—	—	—	—	—
5763	Beam Power Amplifier Pentode	2.625	0.875	6.0	0.75	CU	30-App.	250	8.0	—	C-P	250	250	—	—	—	4.0	—	7,000	—	—	—	—	—	—
						CU	30-App.	300	12.0	—	C-P	300	250	—	—	—	5.0	—	7,000	—	—	—	—	—	—
						CU	30-App.	300	12.0	—	C-T	300	250	—	—	—	5.0	—	—	—	—	—	—	—	—
						CU	30-App.	350	13.5	—	C-T	350	250	—	—	—	48.5	—	—	—	—	—	—	—	—
						CU	50-App.	300	12.0	—	C-T	300	250	—	—	—	5.0	—	—	—	—	—	—	—	—

Tube voltage drop per section=10 volts at 60 ma DC; max. DC output current or plate=10 ma;
 max. peak inverse voltage=360 volts; rms supply voltage per plate=117 volts;
 max. peak current per plate=60 ma

Anode voltage drop=8 volts; max. DC cathode current=100 ma;
 max. peak inverse voltage=1,300 volts; max. peak cathode current=500 ma

TYPE	DESCRIPTION	GENERAL					MAXIMUM RATINGS								TYPICAL OPERATING CONDITIONS										
		Dimensions in inches			Cathode		Max. Freq. for Full Ratings, MHz	DC Plate Volts	Plate Dissipation	Screen Volts	Screen Dissipation	Class and Type of Service	Voltages			Currents			Triode μ Factor	Drive Watts	Load for Rated Output (Ohms)	RMS Power Output Watts			
		Length	Diameter	Volts	Current Amps.	Type							Plate	Screen	Grid No. 2	Control	Grid No. 1	Plate, ma					Screen	Grid No. 2	Control
5814-A*	Medium-Mu Twin Triode	2.187	0.875	12.6	0.175	CU	330 \square	3.0 \square	—	—	Class A Amp. (per section)	250	—	—	—	—	—	—	—	2,200	17	—	—		
5823	Gas Triode	1.875	0.750	6.3	0.35	—	—	—	—	—	■ Peak cathode current = 100 ma max; ■ DC cathode current = 25 ma; max. starter voltage drop = 61 volts; ■ anode drop = 62 volts	100	—	—	—	—	—	—	—	2,200	19.5	—	—		
5824	Beam Power Amplifier	4.625	1.812	25.0	0.3	CU	200	12.5	135	2.0	Class A Amp.	135	135	-22.0	-51	2.5	—	—	—	5,000	—	—	1,700	4.3	
5844*	Medium-Mu Twin Triode	2.125	0.750	6.3	0.3	CU	200 \square	1.0 \square	—	—	Class A Amp. (per section)	100	—	RK=470	4.8	—	—	—	—	3,700	28	—	—	—	
5881	Beam Power Amplifier	3.468	1.437	6.3	0.3	CU	360	23	270	3.0	Class A Amp. (single tube)	350	250	-18	53	2.5	—	—	—	5,200	—	—	4,200	11.3	
5886	Electrometer Pentode	1.500	0.400	1.25	0.01	—	45	—	45	—	Electrometer	12	4.5	-2.0	6.0	3.6	—	—	—	14	—	—	—	—	
5896	Twin Diode Subminiature	1.375	0.400	6.3	0.3	CU	460	—	—	—	FW Rectifier	150	—	—	18.0	—	—	—	—	—	—	—	—	—	
5902	Beam Pentode Subminiature	1.750	0.400	6.3	0.450	CU	165	4.0	155	1.0	Audio Amp.	110	110	6.4	—	—	—	—	—	—	4,200	—	3,000	1.0	
5963	Medium-Mu Twin Triode	2.187	0.875	12.6	0.15	CU	250 \square	2.5 \square	—	—	Class A Amp. (per section)	67.5	—	0	8.5	—	—	—	—	3,200	21	—	—	—	
5964	High-Mu Twin Triode	2.125	0.750	6.3	0.45	CU	250 \square	1.5 \square	—	—	Class A Amp. (per section)	100	—	RK=50	9.5	—	—	—	—	6,000	39	—	—	—	
5965A*	Twin Triode	2.187	0.875	12.6	0.225	CU	330	2.4 \square	—	—	Class A Amp. (per section)	150	—	-15	0	—	—	—	—	—	—	—	—	—	
5998A	Low-Mu Twin Triode	4.250	1.562	6.3	2.4	CU	275 \square	1.5 \square	—	—	Class A Amp. (per section)	150	—	0	5.0	—	—	—	—	—	—	—	—	—	—
6005/6A05W*	Beam Power Amplifier	2.625	0.750	6.3	0.45	CU	275	11	275	2.2	Class A Amp. (single tube)	250	250	-12.5	45	4.5	—	—	—	4,100	—	—	5,000	4.5	
6046	Beam Power Amplifier	3.312	1.562	25.0	0.3	CU	200	10	125	1.5	Class A Amp.	200	125	180	46	2.2	—	—	—	8,000	—	—	4,000	3.8	
6072A*	Twin Triode	2.187	0.875	12.6	0.175	CU	330 \square	1.6 \square	—	—	Relay Energizer	110	110	-7.5	49	5.0	—	—	—	8,000	—	—	2,000	2.1	
6080	Low-Mu Twin Triode Power Amplifier	4.062	1.718	6.3	2.5	CU	250 \square	13 \square	—	—	Class A Amp. (per section)	135	—	RK=250	125	—	—	—	—	7,000	2	—	—	—	

INDUSTRIAL/COMMUNICATION/ALLIED RECEIVING TUBES

GENERAL ELECTRIC

TYPE	DESCRIPTION	GENERAL						MAXIMUM RATINGS						TYPICAL OPERATING CONDITIONS											
		Dimensions in inches				Cathode		Base Connections	Max. Freq. for Full Ratings, MHz	DC Plate Volts	Plate Dissipation	Screen Dissipation	Class and Type of Service	Voltages			Currents			gm / mhos	Triode / Factor	Drive Watts	Load for Rated Output (Ohms)	RMS Power Output Watts	
		Length	Diameter	Volts	Current Amps	Type	Plate							Screen Grid No. 2	Control Grid No. 1	Plate, ma	Screen No. 2	Grid No. 1, ma							
6111	Twin Triode Subminiature	1.375	0.400	6.3	0.3	CU	—	165	1.1	—	—	Class A Amp.	100	150	—	8.5	—	8.5	—	20	4,500	—	—	—	—
6134*	Sharp-Cutoff RF Pentode	2.625	1.312	6.3	0.45	CU	—	330	3.3	330	0.45	Class A Amp.	300	150	Rk = 160	10	2.5	10	2.5	9,000	—	—	—	—	—
6135*	Medium-Mu Triode	2.125	0.750	6.3	0.175	CU	—	330	3.8	—	—	Class A Amp.	250	100	Rk = 0	10.5	—	10.5	—	2,200	17	—	—	—	—
6136*	Sharp-Cutoff RF Pentode	2.125	0.750	6.3	0.3	CU	—	330	3.3	165	0.7	Class A Amp.	250	100	Rk = 68	10.6	4.3	11.8	4.3	5,200	19.5	—	—	—	—
6137*	Remote-Cutoff RF Pentode	2.625	1.312	6.3	0.3	CU	—	330	3.3	140	0.44	Class A Amp.	250	100	Rk = 150	9.2	2.6	13.0	2.6	2,000	—	—	—	—	—
6146A	Beam Power Amplifier	3.312	1.718	6.3	1.25	CU	175	400	20	400	—	AB ₁ (2)	250	250	—	120	—	120	—	7,000	4.5	0	5,000p	10	
								400	25	400	—	AB ₁ (2)	400	400	—	100	—	100	—	—	—	—	0	8,000p	22
								400	20	400	—	AB ₁ (2)	400	400	—	63	2.5	63	2.5	—	—	—	0	4,000p	55
								600	20	250	3.0	AB ₁ (2)	500	185	—	228	—	228	—	—	—	—	0	5,500p	70
								750	25	250	3.0	AB ₁ (2)	600	180	—	215	—	215	—	—	—	—	0	7,000p	82
								750	25	250	3.0	AB ₁ (2)	600	200	—	200	—	200	—	—	—	—	0	6,000p	95
6146B/8298A	Beam Power Amplifier	3.312	1.718	6.3	1.125	CU	175	600	27	250	3.0	C-1	320	180	—	140	—	140	—	—	—	0	8,000p	120	
								750	35	250	3.0	C-1	500	170	—	135	—	135	—	—	—	0.2*	—	48*	
6189/12AU7WA*	Medium-Mu Twin Triode	2.187	0.875	12.6	0.15	CU	—	300	2.75	—	—	Class A Amp.	250	100	—	8.5	—	10.5	—	2,200	17	—	—	—	
								300	7.5	250	2.5	Class A Amp.	250	100	—	0	—	11.8	—	3,100	20	—	—	—	
6197	Sharp-Cutoff Power Amplifier Pentode	2.625	0.875	6.3	0.65	CU	—	300	7.5	250	2.5	Class A Amp.	250	150	—	—	—	30	7.0	11,000	—	—	—	—	
6201*	High-Frequency Twin Triode	2.187	0.875	12.6	0.15	CU	—	330	2.5	—	—	Class A Amp. (per section)	250	—	—	Rk = 200	—	—	—	5,500	60	—	—	—	
								330	2.5	—	—	Class A Amp. (per section)	100	—	—	Rk = 270	—	3.3	—	4,000	57	—	—	—	
6202*	Full-Wave, High-Vacuum Rectifier	2.625	0.750	6.3	0.6	CU	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Tube voltage drop per section = 22 volts at 50 ma DC, ■ Max. DC output current = 55 ma;

■ max. peak inverse voltage = 1,375 volts; rms supply voltage per plate = 325 volts;

■ max. peak current per plate = 220 ma

TYPE	DESCRIPTION		GENERAL					MAXIMUM RATINGS						TYPICAL OPERATING CONDITIONS												
			Base Connections	Dimensions in inches			Cathode		Full Ratings, MHz	DC Plate Volts	Plate Dissipation	Screen Dissipation	Screen No. 2 Volts	Screen Watts	CLASS AND TYPE OF SERVICE	Voltages			Currents			GM & mhms	Triode & Factor	Drive Watts	Load for Rated Output (Ohms)	RMS Power Output Watts
				Length	Diameter	Volts	Current	Type								Plate	Screen No. 2	Control	Grid No. 1	Plate, ma	Screen No. 2					
6203*	Full-Wave, High Vacuum Rectifier	9CD	2.625	0.875	6.3	0.9	CU	—	—	—	—	—	Tube voltage drop per section = 22 volts at 70 ma DC; max. DC output current = 77 ma; max. peak inverse voltage = 1,375 volts; rms supply voltage per plate = 325 volts; max. peak current per plate = 300 ma	100	RK = 470	4.6	—	—	3.600	27	—	—	—	—	—	
6211A*	Medium-Mu Twin Triode	9A	2.187	0.875	12.6 6.3	0.15 0.3	CU	200	1.5\$	—	—	—	Class A (per section) Freq. Halfer (per section)	150	0	4.8	—	—	Rg1 = 47,000	—	—	—	—	20,000	—	
6216*	Beam Power Amplifier	9CE	2.625	0.875	6.3	1.2	—	300	10	200	2.0	Class A Amp.	200	100	-6.0	47*	2.0*	8.800	—	—	3.8	—	—	—		
6265*	Sharp-Cutoff RF Pentode	7CM	2.125	0.750	6.3	0.175	CU	300	2.0	300	0.5	Class A Amp.	250	150	RK = 100	7.4	2.9	4.600	—	—	—	—	—	—		
6350	Medium-Mu Twin Triode	9CZ	2.625	0.875	12.6 6.3	0.3 0.6	CU	330	4.0\$	—	—	Class A Amp. (per section)	150	—	-5.0	11	—	—	4.600	18	—	—	—	—	—	
6360	Twin Tetraode Power Amplifier	9PW	3.062	0.875	12.6 6.3	0.41 0.82	CU	300	7\$	200	2	AB1(2) (Both sec. in push-pull)	200	200	-21.5	30	2.4	—	—	—	—	0	6,500p	7		
								300	5\$	200	2	CCS (Both sec. in push-pull)	250	250	-21.5	-66	-14	—	—	—	—	0	8,000p	9.3		
								300	7\$	200	2	C-T (Both sec. in push-pull)	300	200	-21.5	30	1.4	—	—	—	—	0	10,000p	12		
								300	5\$	200	2	CCS (Both sec. in push-pull)	200	200	Rg1 = 15,000	70	2.2	2.7*	Rg2 = 22,000	—	—	0.14*	—	—	8.4*	
6386*	Medium-Mu Remote-Cutoff Twin Triode	8CJ	1.750	0.875	6.3	0.35	CU	300	1.5\$	—	—	Class A Amp. (per section)	100	—	RK = 200	9.6	—	—	4.000	17	—	—	—	—	11*	
6463	Medium-Mu Twin Triode	9CZ	2.625	0.875	12.6 6.3	0.3 0.6	CU	300	4.0\$	—	—	Class A Amp. (per section) Freq. Halfer (per section)	250	—	RK = 620	14.5	—	—	5.200	20	—	—	—	—	14.5*	
								300	7.0\$	—	—	Class A Amp.	100	100	—	29	lo = 0.2 ma	—	—	—	—	—	—	—	10*	
6485	Sharp-Cutoff RF Pentode	7BK	2.125	0.750	6.3	0.45	CU	300	3.2	150	0.6	Class A Amp.	300	150	RK = 160	10	2.5	—	9.000	—	—	—	—	—	13*	
6550A	Beam Power Amplifier	7AC	4.750	2.062	6.3	1.8	CU	660	42	440	6.0	Class A Amp.	400	225	-16.5	87	4.0	—	—	—	2.0	—	—	—	18.5*	
6660/68A6	Remote-Cutoff RF Pentode	7BK	2.125	0.750	6.3	0.3	CU	330	3.3	330	0.65	Class A Amp.	250	100	RK = 62	11	4.2	—	4.400	Ec3 = 0 volt	—	—	—	—	—	
								330	3.3	330	0.65	Class A Amp.	100	100	RK = 68	10.8	4.4	—	4.300	Ec3 = 0 volt	—	—	—	—	—	
6661/68H6	Sharp-Cutoff RF Pentode	7CM	2.125	0.750	6.3	0.15	CU	330	3.3	330	0.65	Class A Amp.	250	150	RK = 100	7.4	2.6	—	4.600	Ec3 = 0 volt	—	—	—	—	—	
6662/68L6	Remote-Cutoff RF Pentode	7CM	2.125	0.750	6.3	0.15	CU	330	3.3	330	0.55	Class A Amp.	250	100	RK = 80	9.2	3.3	—	3.600	Ec3 = 0 volt	—	—	—	—	—	
								330	3.3	330	0.55	Class A Amp.	100	100	RK = 80	9.0	3.5	—	3.650	Ec3 = 0 volt	—	—	—	—	—	

INDUSTRIAL/COMMUNICATION/ALLIED RECEIVING TUBES



TYPE	DESCRIPTION	GENERAL				MAXIMUM RATINGS				TYPICAL OPERATING CONDITIONS													
		Dimensions in inches		Cathode		Base Connections	Max. Freq. for Full Ratings, Mhz	DC Plate Volts	Plate Dissipation	Screen Dissipation	Class AND TYPE OF SERVICE	Voltages		Currents		Triode & Factor	Drive Watts	Load for Rated Output (Ohms)	RMS Power Output Watts				
		Length	Diameter	Volts	Current Amps							Screen Grid No. 2	Control Grid No. 1	Plate, ma	Screen Grid No. 2					Control Grid No. 1, ma	gm / mhos		
6663/ 6AL5	Twin Diode	1.750	0.750	6.3	0.3	CU	—	—	—	Rectifier Service	Plate	Screen Grid No. 2	Control Grid No. 1	Plate, ma <td>Screen Grid No. 2</td> <td>Control Grid No. 1, ma <td>gm / mhos</td> <td>Triode & Factor</td> <td>Drive Watts</td> <td>Load for Rated Output (Ohms)</td> <td>RMS Power Output Watts</td> </td>	Screen Grid No. 2	Control Grid No. 1, ma <td>gm / mhos</td> <td>Triode & Factor</td> <td>Drive Watts</td> <td>Load for Rated Output (Ohms)</td> <td>RMS Power Output Watts</td>	gm / mhos	Triode & Factor	Drive Watts	Load for Rated Output (Ohms)	RMS Power Output Watts		
6664/ 6AB4	High-Frequency Triode	2.125	0.750	6.3	0.15	CU	—	330m	—	Class A Amp.	250	—	Rk=200 Rk=270	10	—	—	5,500	60	—	—	—		
6669/ 6AQ5A	Beam Power Amplifier	2.625	0.750	6.3	0.45	CU	—	250	2.0	Class A Amp. (single tube), AB ₁ (2 tubes, push-pull)	250	250	-12.5	45	4.5	—	4,100	—	—	5,000	4.5		
6676/ 6CB6A	Sharp-Cutoff RF Pentode	2.125	0.750	6.3	0.3	CU	—	330m	0.55m	Class A Amp.	125	125	Rk=56	13	3.7	—	8,000	—	—	—	—		
6677/ 6CL6	Power Amplifier Pentode	2.625	0.875	6.3	0.65	CU	—	330	2.0m	Class A Amp.	125	125	-3.0	2.8	—	—	11,000ga tied to k	—	—	7,500	2.8		
6678/ 6UBA	Triode-Pentode	2.187	0.875	6.3	0.45	CU	—	330m	0.55m	Class A Amp. (Pentode section) Class A Amp. (Triode section)	250	110	Rk=68 Rk=56	10	3.5	—	5,200	—	—	—	—		
6679/ 12AT7	High-Mu Twin Triode	2.187	0.875	12.6	0.15	CU	—	330	3.0	Class A Amp. (per section)	250	100	-8.5	10.5	—	—	2,200	17	—	—	—		
6680/ 12AU7A	Medium-Mu Twin Triode	2.187	0.875	12.6	0.15	CU	—	330m	3.0m	Class A Amp.	250	100	0	11.8	—	—	3,100	20	—	—	—		
6681/ 12AX7	High-Mu Twin Triode	2.187	0.875	12.6	0.15	CU	—	330	1.1\$	Class A Amp. (per section)	250	100	-2.0	1.2	—	—	1,600	100	—	—	—		
6688*	RF Pentode	1.750	0.875	6.3	0.3	CU	—	210m	0.9m	Class A Amp.	190	160	Rk=630 Ecc ₁ =+9v Ecc ₂ =0.2ma	13	3.3	—	16,500	—	—	—	—		
6829	Twin Triode	2.625	0.875	12.6	0.225	CU	—	275	2.2\$	Class A Amp. (per section)	150	150	Rk=220 Ic=4.8	8.5	—	—	6,700	47	—	—	—		
6883A	Beam Power Amplifier	3.688	1.656	12.6	0.625	CU	Ratings otherwise same as for type 6146A Beam Power Amp.										—	—	—	—	—	—	—
6883B/ 8032A/ 8552	Beam Pentode Octal	3.406	1.656	12.6	0.562	CU	175	600	27	AB ₁	600	200	-47	250(2)	14.8	—	4.5	7,000	0	0	5,600	96	
							250	750	35	AB ₁	750	200	-48	250(2)	12.6	—	4.5	7,000	0	0	7,200	124	
							250	600	27	AB ₂	600	200	-46	308(2)	26	—	4.5	7,000	0.2	0.2	3,600	100	
							250	750	35	AB ₂	750	200	-48	270(2)	27	—	4.5	7,000	0.7	0.7	5,200	110	
							250	750	35	AB ₂	600	200	-47	328(2)	26	—	4.5	7,000	0.2	0.2	4,160	130	
							250	750	35	AB ₂	750	150	-39	294(2)	28	—	4.5	7,000	0.5	0.5	6,050	148	

TYPE	DESCRIPTION	GENERAL				MAXIMUM RATINGS				TYPICAL OPERATING CONDITIONS																
		Dimensions in inches		Cathode		Base Connections	Max. Freq. for Full Ratings, MHz	DC Plate Volts	Plate Dissipation	Screen Dissipation	Screen Volts	Screen No. 2	Screen Dissipation	CLASS AND TYPE OF SERVICE	Voltages			Currents			GM μ mhos	Triode μ Factor	Drive Watts	Load for Rated Output (Ohms)	RMS Power Output Watts	
		Length	Diameter	Volts	Current										Type	Plate	Screen No. 2	Control No. 1	Plate, ma	Screen No. 2						Control No. 1
6922/ E88cc	Twin Triode	2.625	0.875	6.3	0.3	CU	—	220	1.5	—	—	—	Class A Amp.	90	—	Rk=120	12	—	—	—	11,500	33	—	—	—	
7036*	Heptode	2.625	0.750	6.3	0.3	CU	—	—	—	—	—	—	Gated Amp.	150	75	0	0	—	—	—	—	—	—	—	—	
		2.625	0.750	6.3	0.3	CU	—	250	0.9	250	250	1.35	Gated Amp.	150	69*	0	4	—	—	—	—	—	—	—	—	
		2.625	0.750	6.3	0.3	CU	—	300	4.5	—	—	—	(Computer service)	150	71*	0	9	—	—	—	—	—	—	—	—	
7044	Medium-Mu Twin Triode	2.625	0.875	6.3	0.9	—	—	300	4.5	—	—	—	Class A Amp.	120	—	-2.0	36	—	—	—	12,000	—	—	—	—	
7054	RF Pentode	2.625	0.875	13.5	0.275	CU	—	330	5.0	180	180	1.0	Class A Amp.	250	250	Rk=170	19	3.5	—	11,500	—	—	—	—	—	
7056	Sharp-Cutoff Pentode	2.125	0.750	13.5	0.15	CU	—	330	2.0	330	330	0.5	Class A Amp.	200	150	Rk=180	9.5	2.8	—	6,200	—	—	—	—	—	
7058	High-Mu Twin Triode	2.187	0.875	13.5	0.155	CU	—	330	1.05	—	—	—	Class A (per section)	250	—	-2.0	1.25	—	—	—	1,650	150	—	—	—	
7059	Trode-Pentode	2.187	0.875	13.5	0.195	CU	—	300	2.8	300	300	0.5	Class A (Pentode sec.)	250	110	Rk=68	10	3.5	—	5,200	—	—	—	—	—	
		2.187	0.875	13.5	0.195	CU	—	330	2.5	—	—	—	Class A (Triode sec.)	150	—	Rk=56	18	—	—	8,500	40	—	—	—	—	
7060	Triode-Pentode	2.187	0.875	13.5	0.28	CU	—	300	3.0	300	300	1.0	Class A Amp. (Pentode sec.)	200	125	Rk=82	15	3.4	—	7,000	—	—	—	—	—	
		2.187	0.875	13.5	0.28	CU	—	300	2.5	—	—	—	Class A Amp. (Triode sec.)	150	—	Rk=150	9.0	—	—	4,900	40	—	—	—	—	
7061	Beam Power Amplifier	2.625	0.875	13.5	0.21	CU	—	345	9.0	310	310	2.0	Class A Amp.	200	200	-10.0	35.5	9.0	—	4,200	—	—	—	—	5,000	3.0
7167	Tetrode	2.125	0.750	13.5	0.09	—	—	180	2.0	180	180	0.5	Class A Amp.	125	80	-1.0	10	1.4	—	8,000	—	—	—	—	—	—
7233	Low-Mu Triode	3.062	0.875	6.3	1.0	CU	—	330	8.0	—	—	—	Series Regulator Service	50	—	Rk=22	120	—	—	17,500	4	—	—	—	—	—
7239	Beam Pentode	2.406	0.875	6.3	0.3	CU	—	2,000	4.0	—	—	—	High-Voltage Pulse Amplifier	1,500	100	-12.0	0.2	—	—	Ec ₃ =0	—	—	—	—	—	—
		2.187	0.875	20	0.26	CU	—	330	4.75\$	8.5	—	—	Class A Amp. \$	100	100	Ec ₃ =0	43	13.5	—	4	—	—	—	—	—	
7370	Medium-Mu Twin Triode	2.625	0.875	12	0.36	CU	—	330	10	300	300	—	A ₁	250	250	-18	40	3	—	—	—	—	—	—	—	
		2.625	0.875	15	0.36	CU	—	330	10	300	300	—	AB ₂ (2)	300	250	-21	125(2)	14(2)	—	—	—	—	—	—	—	
		2.625	0.875	15	0.36	CU	—	330	10	300	300	—	C-T	300	200	-42	70	2.1	—	—	—	—	—	—	—	
		2.625	0.875	15	0.36	CU	—	330	12	300	300	—	ICAS	300	250	-55	80	5.1	—	—	—	—	—	—	—	
		2.625	0.875	15	0.36	CU	—	330	7	300	300	—	C-P	250	250	-70	60	2.5	—	—	—	—	—	—	—	
		2.625	0.875	15	0.36	CU	—	330	8	300	300	—	ICAS	250	250	-75	70	3.0	—	—	—	—	—	—	—	
7701	Beam Power Pentode	2.625	0.875	13.6	0.16	—	—	350	9	300	300	3.5	Class C Amp.	250	250	-12.5	28	3.1	—	—	3,500	—	—	—	—	
7716	High-Mu Triode and Sharp-Cutoff Pentode	2.625	0.875	13.6	0.35	CU	—	330	1.0	—	—	—	Triode Section	125	—	-1	1.5	—	—	—	2,900	102	—	—	—	
		2.625	0.875	13.6	0.35	CU	—	330	5.0	330	330	1.1	Pentode Section	200	125	Rk=68	24	5.2	—	—	10,000	—	—	—	—	

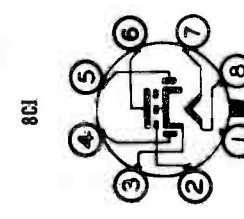
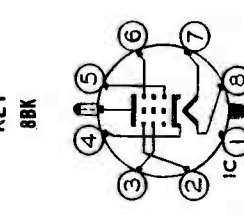
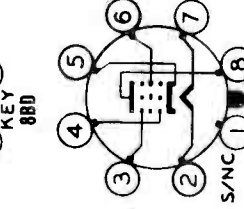
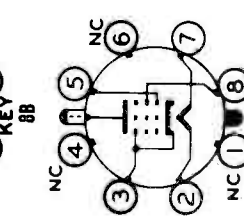
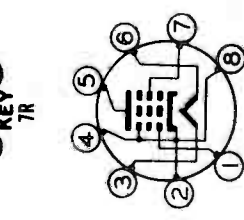
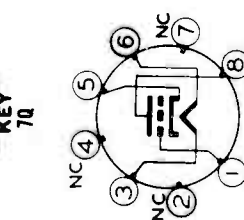
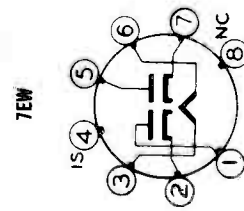
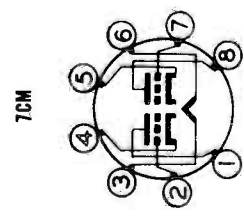
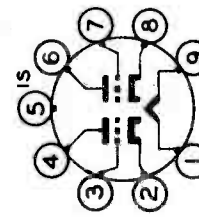
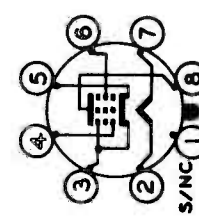
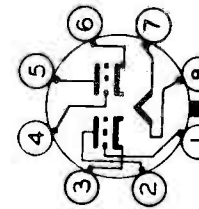
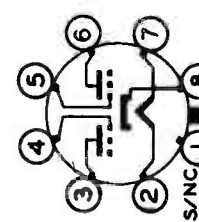
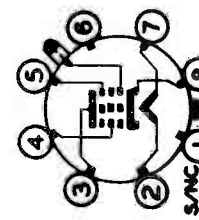
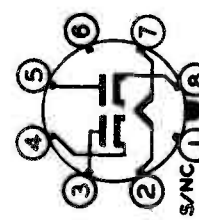
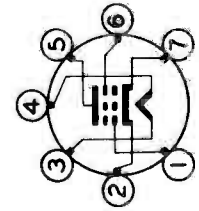
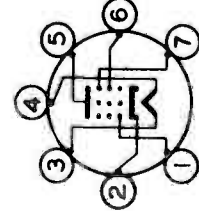
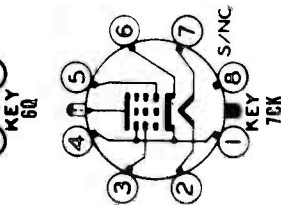
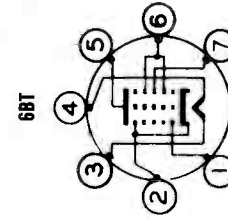
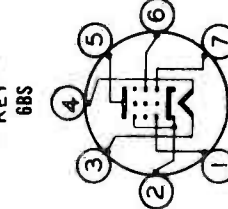
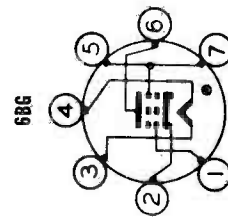
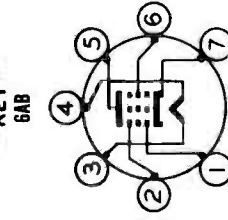
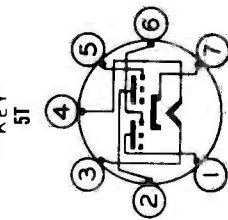
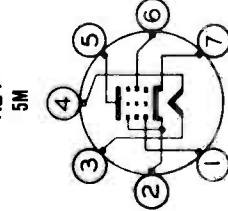
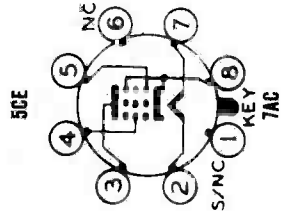
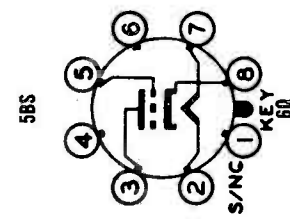
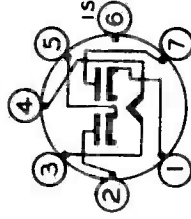
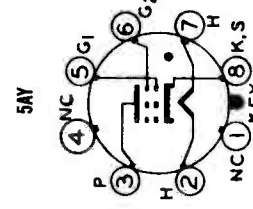
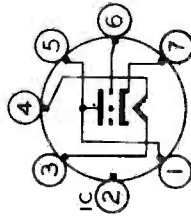
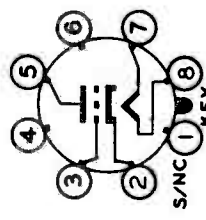
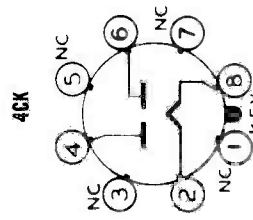
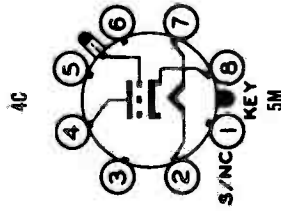
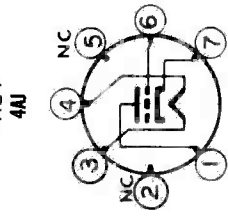
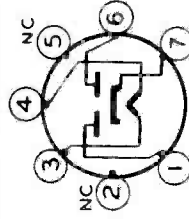
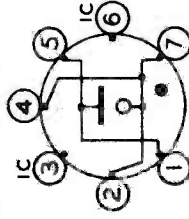
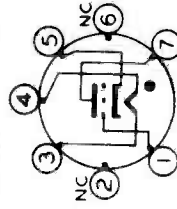
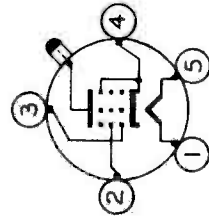
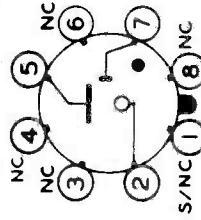
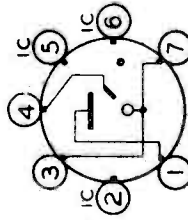
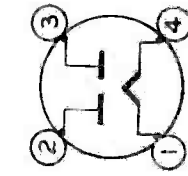
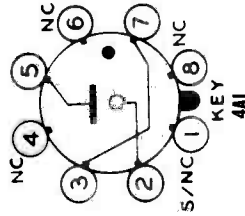
Footnotes on page 12.
Base drawings on pages 13 and 14.

INDUSTRIAL/COMMUNICATION/ALLIED RECEIVING TUBES



TYPE	DESCRIPTION	GENERAL				MAXIMUM RATINGS					TYPICAL OPERATING CONDITIONS																						
		Base Connections	Dimensions in inches		Cathode	Max. Freq. for Full Ratings, Mhz	DC Plate Volts	Plate Dissipation	Screen No. 2 Volts	Screen Dissipation	CLASS AND TYPE OF SERVICE	Voltages		Currents			Triode μ Factor	Drive Watts	Load for Rated Output (Ohms)	RMS Power Output Watts													
		Length	Diameter	Volts	Current	Type					Plate	Screen No. 2	Control No. 1	Plate, ma	Screen No. 2	Control No. 1	Control No. 2	Grid No. 1 ma	Grid No. 2	Grid No. 3													
7717/6C75	Sharp-Cutoff VHF tetrode	2.125	0.750	6.3	0.2	CU	—	180	2.0	180	0.5	Class A Amp.	125	80	—	-1.0	1.4	—	—	—	—	8,000	—	—	—	—	—	—	—	—	—		
7724	Duplex-Diode, High-Mu Triode (with separate cathodes)	2.187	0.875	14.0	0.15	—	—	330	1.1	—	—	Class A Amp. FM Detector	250	—	-3.0	0.7	—	—	—	—	—	1,000	72	—	—	—	—	—	—	—	—		
7734	Triode-Pentode Miniature	2.625	0.875	6.3	0.90	CU	—	300	1.0	275	0.5	Pentode Triode	150	150	-2	5.5	1.7	—	—	—	—	3,200	—	—	—	—	—	—	—	—	—		
7861*	Medium-Mu Twin Triode	1.750	0.875	12.6	0.175	CU	—	330	1.35	—	—	Class A Amp.	150	—	Rk=240	8.2	—	—	—	—	—	5,500	35	—	—	—	—	—	—	—	—		
7984	Beam Power Amplifier	2.875	1.562	13.5	0.58	CU	175	750	35	250	3.0	Class A Amp. Class C Amp.	200	125	-20	125	4.5	—	—	—	—	7,300	—	—	—	—	—	—	—	—	—	—	
8068	Beam Pentode	4.625	1.562	6.3	0.9	CU	—	3,500	35	250	1.0	Series Regulator	600	125	-7.5	36	1.0	—	—	—	—	5,200	—	—	—	—	—	—	—	—	—	—	
8077/7054	RF Power Pentode	2.188	0.875	13.5	0.275	CU	40	330	5.0	180	—	A ₁	250	150	-10	19.0	3.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8102	Triode-Pentode	2.187	0.875	13.5	0.23	CU	—	330	2.5	330	0.55	Class A Amp. Class A Amp.	125	125	-1.0	12	4.0	—	—	—	—	7,500	—	—	—	—	—	—	—	—	—	—	—
8106	Beam Pentode	2.187	0.875	13.5	0.25	CU	—	330	6.0	300	1.25	Class A Amp.	300	150	-3.5	16	3.2	—	—	—	—	9,000	—	—	—	—	—	—	—	—	—	—	
8136	Sharp-Cutoff Pentode	2.125	0.750	6.3	0.3	CU	—	330	2.2	165	0.65	Class A Amp.	125	125	Rk=56	10.8	2.9	—	—	—	—	9,800	—	—	—	—	—	—	—	—	—	—	
8156	Beam Pentode	2.312	1.187	13.5	0.3	CU	175	600	15	250	2.5	Class A Amp. Class C Amp.	200	125	-9.0	75	3.5	—	—	—	—	7,600	—	—	—	—	—	—	—	—	—	—	
8233	Pentode-Miniature	3.0	1.094	6.3	0.6	CU	—	200	10.0	175	1.5	—	125	125	-3	50.0	5.5	—	—	—	—	30	—	—	—	—	—	—	—	—	—	—	
8908	RF Power Amp.	5.375	1.813	6.3	2.65	CU	—	280	40.0	280	7.0	—	250	250	-56	125	4.2	—	—	—	—	3.7	—	—	—	—	—	—	—	—	—	—	
8950	Pentode-Compactor	4.375	1.563	13.0	1.1	CU	—	800	33	250	5.0	—	175	110	-21	120	2.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

A₁ Single Tube Class A Audio Power Amplifier
AB₁ Single Tube Class AB₁ Audio Power Amplifier
AB₁(2) Push-Pull Class AB₁ Audio Power Amplifier
AB₂(2) Push-Pull Class AB₂ Audio Power Amplifier
BK(2) Push-Pull Class B Audio Power Amplifier
B-P Single Tube Class B RF Telephone Service
C-P Single Tube Class C Plate-Modulated Telephony Service
C-T Single Tube Class C Telegraphy or FM Service
C-Tp Single Tube Class C RF Pulsed Oscillator
CF Coated Filament (Directly Heated)
CU Coated Indirectly Heated Cathode (Unipotential)
CV Thoriated Tungsten Cathode (Indirectly Heated)
PM Pulse Modulator
PT Pure Tungsten Filament (Directly Heated)
TF Thoriated-Tungsten Filament (Directly Heated)
TV Class B Linear Amplifier TV Service
VR Voltage Regulator Service
P Plate-to-Plate
♦ Maximum Signal Value with Sine Wave Signal
■ Intermittent Commercial and Amateur Service Rating
***** Approximate Rating
\$ Per Section
★ Five Star Type



VACUUM POWER TUBES—Gridded Types (Transmitting and Industrial Types)



GENERAL ELECTRIC

TYPE	DESCRIPTION	DIMENSIONS IN INCHES		CATHODE			MAXIMUM RATINGS						TYPICAL OPERATING CONDITIONS										
		Length	Diameter	Volts	Amps	Type	Max Freq. for Full Input, MHz	Plate Dissipation	Plate Volts	Plate Input	Screen Grid No. 2	CLASS AND TYPE OF SERVICE	Plate Volts	Plate Current, ma (A Amps)	Screen Grid No. 2	Screen Grid No. 1	% Factor	GM / μ mhos	Approx. Drive Power, Watts	Approx. Output Power, Watts	Approx. Net Weight, Lbs.		
2E24	Transmitting Beam Power Amplifier Triode	3.5	1.312	6.3	.65	CF	125	10	400	30	200	AB ₂ (2)	400	75	125	26	15	—	—	—	—	42	3.0 oz.
3C24	HF Power Triode	4.375	1.437	6.3	3.0	TF	60	25	1,500	112	—	B(2)	1,250	24-136	—	—	—	—	—	—	—	120	1.5 oz.
3CW5000A3/8242	Med.-Mu WC Power Triode	12.562	3.625	7.5	51.5	TF	75	5,000	6,000	—	—	AB ₂ (2)	5,000	2.26A	—	—	—	—	—	—	—	8,000	4.8
3CW5000F1/8241	Lo-Mu WC Power Triode	12.62	3.63	7.5	50.5	TF	30	5,000	6,000	16,000	—	AB ₁ (2)	6,000	2.5A	—	—	—	—	—	—	—	10,000	6
3CW5000F3/8243	Med.-Mu WC Power Triode	22.0	3.625	7.5	50.5	TF	30	5,000	6,000	—	—	AB ₂ (2)	5,000	2.26A	—	—	—	—	—	—	—	8,000	6
3CW5000H3	WC Ceramic/Metal Power Triode	18.56	5.42	7.5	53	TF	75	5,000	6,000	—	—	B(2)	6,000	3.0A	—	—	—	—	—	—	—	13,000	6
3CW10000A3	Large Power Triode W & FAC	10.65	3.83																				
3CW10000H3	WC Ceramic/Metal Power Triode	18.0	5.09	7.5	75.0	TF	90	10,000	10,000	30,000	—	C-T	9,000	2.9A	—	—	—	—	—	—	—	215.0	10
3CW20000A1	WC Ceramic/Metal Power Triode	11.22	4.66	7.5	100.0	TF	110	20,000	7,000	—	—	AB ₁ (2)	7,000	7A(2)	—	—	—	—	—	—	—	29,100(2)	12
3CW20000A3	WC Ceramic/Metal Power Triode	11.4	4.7	7.5	99.0	TF	140	20,000	7,000	—	—	AB ₂ (2)	7,000	4.0A	—	—	—	—	—	—	—	22,400	11.5
3CW20000A7	WC Ceramic/Metal Power Triode	11.4	4.7	7.5	99.0	TF	140	20,000	7,000	—	—	AB ₂ (2)	7,000	4.0A	—	—	—	—	—	—	—	20,000	11.5
3CW30000H3	WC Ceramic/Metal Power Triode	18.0	6.75	6.3	172.0	TF	90	30,000	12,000	60,000	—	C-T	10,000	6.0A	—	—	—	—	—	—	—	42,000	12
3CW40000H3	WC Ceramic/Metal Power Triode	22.1	6.75	10.0	160.0	TF	90	40,000	12,000	100,000	—	C-T	10,000	9.0A	—	—	—	—	—	—	—	70,000	14
3CX1000A7/8283	WC Ceramic/Metal Zero-Bias. Power Triode	4.8	3.38	5.0	30.5	TF	220	1,000	3,000	—	—	B-P	2,500	2.0A	—	—	—	—	—	—	—	3,100	2
3CX1500A7/8877	FAC Ceramic/Metal Power Triode	4.02	3.38	5.0	10.5	CU	250	1,500	4,000	—	—	C-T	2,400	0.6A	—	—	—	—	—	—	—	1,000	1.6

Footnotes on page 26.
Base drawings on pages 27, 28 and 29.

VACUUM POWER TUBES—Gridded Types (Transmitting and Industrial Types)



GENERAL ELECTRIC

TYPE	DESCRIPTION	DIMENSIONS IN INCHES			CATHODE			MAXIMUM RATINGS						CLASS AND TYPE OF SERVICE	TYPICAL OPERATING CONDITIONS							
		Length	Diameter	or Base Connections	Volts	Amps	Type	Max. Freq. for Full Input, MHz	Plate Dissipation	Plate Volts	Plate Input	Screen Grid No. 2	Screen Grid No. 2		Plate Current, ma (A = Amps)	Screen Grid No. 2	Screen Grid No. 2	Grid No. 1	% Factor	GM & mhos	Approx. Drive Power, Watts	Approx. Output Power, Watts
3CX2500A3/8161	Ceramic/Metal FAC Triode	8.6	4.16	CX 8161	7.5	51.5	TF	75	2,500 2,500 1,670	6,000 6,000 5,000	—	—	—	3.0A 2.08A 1.25A	—	—	—	—	20,000 20,000 20,000	225.0 136.0 115.0	13,000 10,000 5,300	6.25
3CX2500F3/8251	Ceramic/Metal FAC	18.0	4.16	FL 8162	7.5	50.5	TF	75	2,500 2,500 1,670	6,000 6,000 5,000	—	—	—	3.0A 2.50A 1.25A	—	—	—	20,000 20,000 20,000	225.0 136.0 115.0	13,000 10,000 5,300	7.5	
3CX2500H3	Ceramic/Metal FAC	18.0	4.25	FFL	7.5	50.0	TF	75	2.5	6,000	—	—	—	2.08A	—	—	—	11,000	0.0	8,250	6.2	
3CX3000A1/8238	Ceramic/Metal FAC	8.594	4.156	CX 8238	7.5	51.5	TF	75	3,000	6,000	12.5	—	—	2.2A	—	—	—	—	—	120	11,000	6.25
3CX3000A7	Ceramic/Metal FAC Power Triode (Coax.) Terminals	9	4.15	Sp. CX	7.5	51.5	TF	75	3,000	5,000	—	—	—	4.0A	—	—	—	—	—	—	11,000	6.25
3CX3000F1/8239	Ceramic/Metal FAC	18.0	4.156	FL 8162	7.5	50.5	TF	30	3,000	6,000	—	—	—	2.2A	—	—	—	11,000	0.0	8,250	7.5	
3CX3000F7/8162	Ceramic/Metal FAC Power Triode Flex. Leads	18.44	4.15	FL 8162	7.5	50.5	TF	30	3,000	5,000	—	—	—	4.0A	—	—	—	—	120	11,000	7.5	
3CX5000A3	Ceramic/Metal FAC Power Triode (Coax.) Terminals	8.75	6.40	Sp. CX	7.5	75.0	TF	110	5,000	10,000	—	—	—	2.5A	—	—	—	—	208	18,600	9.5	
3CX5000H3	Ceramic/Metal FAC Power Triode Flex. Leads	17.50	6.45	FFL	7.5	78	TF	90	5,000	10,000	—	—	—	2.52A	—	—	—	—	208	18,600	10	
3CX10000A1/8158	Ceramic/Metal FAC Power Triode	8.75	7.0	CX 8158	7.5	99.0	TF	140	12,000	7,000	—	—	—	7.0A 4.0A	—	—	—	20,000 20,000	0	29,100 1,800	12	
3CX10000A3/8159	Ceramic/Metal FAC Power Triode	8.5	7.0	CX 8158	7.5	99	TF	140	10,000 10,000 6,500	7,000 7,000 5,500	—	—	—	4.0A 4.0A 3.0A	—	—	—	—	4,100 515	22,400 24,500 12,400	12	
3CX10000A7/8160	Ceramic/Metal FAC Power Triode	8.75	7.05	CX 8158	7.5	104	TF	160	12,000 10,000 6,500	7,000 7,000 5,500	—	—	—	1.2A 4.0A 3.0A	—	—	—	—	560 430 380	47,700 21,300 11,900	12	
3CX10000H3	Ceramic/Metal FAC Power Triode	18.0	7.05	FFL	7.5	104	TF	90	10,000	10,000	—	—	—	4.0A	—	—	—	—	570	29,000	13	
3CX15000A3	Ceramic/Metal FAC Power Triode	8.5	7.0	CX	6.3	160	TF	100	15,000 15,000 10,000	8,000 8,000 6,500	—	—	—	6.0A 4.8A 3.9A	—	—	—	—	660 215 490	30,000 23,000 18,000	12	
3CX15000A7	Ceramic/Metal FAC Power Triode	8.75	7.05	CX	6.3	160	TF	110 110	15,000 15,000 8,000	8,000 8,000 6,500	—	—	—	4.0A 5.9A	—	—	—	—	430 1,750	21,300 29,600	12	
3CX15000H3	Ceramic/Metal FAC Power Triode	18	7.05	FFL	6.3	172	TF	90	15,000	12,000	—	—	—	6.0A	—	—	—	—	650	41,200	13	

TYPE	DESCRIPTION	DIMENSIONS IN INCHES			CATHODE			MAXIMUM RATINGS					TYPICAL OPERATING CONDITIONS										
		Length	Diameter	Type	Volts	Amps	Max. Freq. for Full Input, MHz	Plate Dissipation	Plate Volts	Plate Input	Screen Grid No. 2	CLASS AND TYPE OF SERVICE	Plate Volts	Plate Current, ma (A=Amps)	Screen Grid No. 2	Screen Grid No. 2	Grid No. 1	% Factor	GM & mhos	Approx. Drive Power, Watts	Approx. Output Power, Watts	Approx. Net Weight Lbs.	
3CX20000A3	Ceramic/Metal FAC Power Triode	10	8	TF	10	160	90	20,000	12,000	—	—	—	—	—	—	—	—	—	—	—	—	—	19.5
3CX20000A7	Ceramic/Metal FAC Power Triode	8.5	8.25	TF	6.3	160	110	20,000	8,000	—	—	—	—	—	—	—	—	—	—	—	—	—	13.5
3E29	Twin-Unit Beam Power Amp.	4.125	2.375	CU	12.6	1.125	—	15	5,000	85	850	PM	82	850	2	—	—	—	—	—	—	—	0.219
3-400Z/8163	Internal Anode Radiation Cooled Power Triode	5.37	3.56	TF	5.0	14.5	110	400	4,000	—	—	—	—	—	—	—	—	—	—	—	—	—	7.0
3-500Z	Internal Anode Radiation Cooled Power Triode	6.00	3.44	TF	5.0	14.1	110	500	4,000	—	—	—	—	—	—	—	—	—	—	—	—	—	0.438
3-1000Z/8164	Internal Anode Radiation Cooled Power Triode	7.88	5.25	TF	7.5	21.4	110	1,000	6,000	—	—	—	—	—	—	—	—	—	—	—	—	—	1.2
4-65A/8165	Internal Anode Radiation Cooled Power Tetrode	4.37	2.38	TF	6.0	3.5	150	65	3,000	—	—	—	—	—	—	—	—	—	—	—	—	—	0.188
4-250A/5D22	Internal Anode Radiation Cooled tetrode	6.38	3.56	TF	5.0	14.5	110	250	4,000	0.35	600	C-T	310	500	500	—	—	—	—	—	—	—	0.5
4-400A/8438	FAC Power Tetrode	6.375	3.562	TF	5.0	14.5	110	400	4,000	—	—	—	—	—	—	—	—	—	—	—	—	—	0.563
4-400AX/8438A & 4-400B/7527	Internal Anode Radiation & FAC tetrode	6.34	3.43	TF	5.0	14.1	110	400	4,000	1,400	600	C-T	250	500	500	—	—	—	—	—	—	—	0.563
4-400C/6775	Internal Anode Radiation & FAC tetrode	6.38	3.56	TF	5.0	14.7	75	400	4,000	—	—	—	—	—	—	—	—	—	—	—	—	—	0.563
4-500A	Internal Anode Radiation Cooled tetrode	7.00	3.56	TF	10.0	10.2	110	500	4,000	—	—	—	—	—	—	—	—	—	—	—	—	—	0.544
4-1000A/8166	Beam Power Tetrode FAC	9.625	5.250	TF	7.5	21	110	1,000	6,000	—	—	—	—	—	—	—	—	—	—	—	—	—	1.5

Footnotes on page 26.
Base drawings on pages 27, 28 and 29.

VACUUM POWER TUBES—Gridded Types (Transmitting and Industrial Types)



GENERAL ELECTRIC

TYPE	DESCRIPTION	Type Base or Base Connections	DIMENSIONS IN INCHES			CATHODE			MAXIMUM RATINGS					CLASS AND TYPE OF SERVICE	TYPICAL OPERATING CONDITIONS							Approx. Net Weight Lbs.							
			Length	Diameter	Volts	Amps	Type	Max. Freq. for Full Input, MHz	Plate Dissipation	Plate Volts	Plate Input	Screen Grid No. 2	Plate Volts		Screen Grid No. 2	Plate Current, ma (A-Amps)	Screen Grid No. 2	Screen Grid No. 2	Grid No. 1	% Factor	GM / mhos		Approx. Drive Power, Watts	Approx. Output Power, Watts					
4CPX250K/8590	Internal Anode FAC Tetrode	CX 8590	2.81	1.64	6.0	2.7	CU	500	250	2,500	7,000	—	500	750	250	750	2.50	3.5A	16	400	—	—	5	—	—	2.8	500	17,500	0.25
4CV8000A	Ceramic/Metal Vapor Cooled Power Tetrode	SB	7.98	7.87	9.0	41.5	TF	150	8,000	7,000	7,000	—	—	—	500	5,000	1.9A	—	—	—	—	—	—	—	—	47	11,000	7.0	
4CV35000A	Ceramic/Metal Power Tetrode Vapor & FAC	Sp. CX	9.5	7.75	6.3	160	TF	110	35,000	10,000	7,000	—	—	—	—	8,000	4.8A	—	—	—	—	—	—	—	—	225	38,000	20	
4CW800B & 4CW800F	Ceramic/Metal Liquid Cooled Radial Beam Tetrode	Sp.	3.00	2.03	6.0	26.5	CU	140-250	800	3,000	3,000	—	—	—	—	10,000	3.6A	—	—	—	—	—	—	—	—	150	23,500	0.438	
4CW2000A/8244	Ceramic/Metal WC Radial Beam Tetrode	SB 8244	5.69	2.66	6.0	9.0	CU	110	2,000	3,000	3,000	—	400	—	—	8,000	10.7	—	—	—	—	—	—	—	—	—	820	820	—
4CW10000A/8661	Ceramic/Metal WC Tetrode	Sp. C 8661	11.187	4.656	7.5	75	TF	30	10,000	7,500	5,000	—	1,500	—	—	10,000	2.8A	—	—	—	—	—	—	—	—	—	150	16,000	7.5
4CX250B/7203	Ceramic/Metal FAC Radial Beam Tetrode	9-pin Sp. 4V1	2.46	1.64	6.0	2.6	CU	175	250	2,000	2,000	—	400	—	—	2,000	150	—	—	—	—	—	—	—	—	—	65	65	0.25
4CX250B/8957	Ceramic/Metal FAC Radial Beam Tetrode	9-pin 8957	2.46	1.64	6.0	2.4	CU	175	250	2,000	2,000	—	400	—	—	2,000	150	—	—	—	—	—	—	—	—	—	300	300	0.25
4CX250FG/8621	Ceramic/Metal FAC Power Tetrode	8621	2.464	1.64	25.6	0.56	CU	500	250	2,000	2,000	—	350	—	—	2,000	75	—	—	—	—	—	—	—	—	—	—	—	0.25
4CX250K/8245	Ceramic/Metal FAC Radial Beam Tetrode	8245	2.813	1.64	6.0	3.0	CU	500	165	1,500	1,500	—	300	—	—	1,500	200	—	—	—	—	—	—	—	—	—	225	225	1.0
4CX250M/8246	Ceramic/Metal FAC Radial Beam Tetrode	8245	2.813	1.64	26.5	.68	CU	500	250	2,000	2,000	—	300	—	—	2,000	250	—	—	—	—	—	—	—	—	—	250	250	1.0
4CX250R/7580W	Ceramic/Metal FAC Radial Beam Tetrode	7580	2.46	1.64	6.0	2.6	CU	500	250	2,000	2,000	—	—	—	—	2,000	50	—	—	—	—	—	—	—	—	—	595	595	0.25
4CX300A/8167	Ceramic/Metal FAC Power Tetrode	SB 8167	2.5	1.65	6.0	3.1	CU	500	300	2,000	2,500	—	300	—	—	2,000	250	—	—	—	—	—	—	—	—	—	225	225	0.25
4CX300V/8561	Ceramic/Metal FAC Power Tetrode	SB 8167	2.5	1.65	6.0	3.85	CU	110	400	2,000	2,000	—	300	—	—	2,000	400	—	—	—	—	—	—	—	—	—	600	600	0.25
4CX350W/8321	Ceramic/Metal FAC Radial Beam Tetrode	8321	2.464	1.910	6.0	3.6	CU	110	350	2,500	2,500	—	400	—	—	2,500	580	—	—	—	—	—	—	—	—	—	770	770	0.25

TYPE	DESCRIPTION	DIMENSIONS IN INCHES			CATHODE			MAXIMUM RATINGS							TYPICAL OPERATING CONDITIONS							Approx. Output Power, Watts	Approx. Drive Power, Watts	Approx. Net Weight, Lbs.
		Length	Diameter	or Base Connections	Volts	Amps	Type	Full Input, Mhz	Plate Dissipation	Plate Volts	Plate Input	Screen Grid No. 2	CLASS AND TYPE OF SERVICE	Plate Volts	Plate Current, ma (A=Amps)	Screen Grid No. 2	Screen Grid No. 2	Screen Grid No. 2	Grid No. 1	μ Factor	GM μ mhos			
4CX350F/832Z	Ceramic/Metal FAC Radial Beam Tetrode	2.464	1.910	8321	26.5	0.73	CU	110	350	2,500	—	400	AB1(2)	580	400	400	400	6	27	13	22,000	0	770	0.25
4CX600B	Ceramic/Metal FAC Radial Beam Tetrode	2.45	2.08	Sp.	6.0	4.3	CU	500	600	2,500	—	300	A1 or B-P	600	300	300	300	—	—	—	41,000	52	585	0.438
4CX600F	Ceramic/Metal FAC Radial Beam Tetrode	2.45	2.08	Sp.	26.5	1.05	CU	500	600	2,500	—	300	A1 or B-P	600	300	300	300	—	—	—	41,000	52	585	0.438
4CX1000A/816B	Ceramic/Metal FAC Radial Beam Tetrode	4.80	3.37	SB	6.0	9.0	CU	110	1,000	3,000	—	400	A1 or B-P	875	325	35	35	35	60	—	37,000	—	1,630	1.688
4CX1000K/835Z	Ceramic/Metal FAC Radial Beam Tetrode	4.80	3.37	SB	6.0	9.9	CU	400	1,000	3,000	—	400	AB1(2)	875	325	70	70	70	60	—	37,000	—	3,260	1.688
4CX1500A	Ceramic/Metal FAC Gnl. Purpose tetrode	4.90	3.37	SB	5.0	38.5	TF	150	1,500	4,000	—	750	A1 or B-P	750	600	40	40	40	110	5.5	26,000	—	1,850	1.875
4CX1500B/8660	Ceramic/Metal FAC Gnl. Purpose tetrode	4.90	3.37	SB	6.0	11.0	CU	30	1,500	3,000	—	400	A1 or B-P	710	225	11	11	11	34	—	30,000	1.5	1,500	1.688
4CX3000A/8169	Ceramic/Metal FAC Power Tetrode	7.9	4.6	SB	9.0	43.5	TF	150	3,000	7,000	—	1,000	C-T	1.9A	500	230	41	41	300	5.5	—	—	11,000	5.5
4CX5000A/8170	Ceramic/Metal FAC High Power Tetrode	9.13	4.94	Sp. CX VC2	7.5	78	TF	110	5,000	7,000	—	1,500	C-T	200	750	200	100	100	350	4.5	—	—	10,000	9.5
4CX5000J/8909	Ceramic/Metal FAC High Power Tetrode	9.125	4.938	Sp. CX 8909	7.5	103	TF	100	6,000	7,500	—	1,500	A1 or B-P	750	800	67	67	67	155	4.5	—	—	3,150	9.5
4CX5000R/8170W	Ceramic/Metal FAC High Power Tetrode	9.125	4.938	8170	7.5	75	TF	100	6,000	7,500	—	1,500	A1 or B-P	750	1,250	200	200	200	300	4.5	—	—	10,000	9.5
4CX10000D/8171	Ceramic/Metal FAC Radial Beam tetrode	9.06	7.05	Sp. CX 8171	7.5	75	TF	110	10,000	7,500	—	1,500	C-T	28A	500	500	150	150	350	4.5	—	—	16,000	12
4CX10000J	Ceramic/Metal FAC Tetrode	9.13	7.05	Sp. CX	7.5	103	TF	100	12,000	7,500	—	1,600	A1 or B-P	500	1,600	—	—	—	—	4.5	—	—	10,000	12.2
4CX15000A/8281	Ceramic/Metal FAC Radial Beam Power Tetrode	9.375	7.580	Sp. CX 8281	6.3	160	TF	110	15,000	10,000	—	2,000	C-T	4.55A	750	540	220	220	550	4.5	—	—	36,500	12.8
4CX15000J/8910	Ceramic/Metal FAC Radial Beam Power Tetrode	9.375	7.580	Sp. CX 8281	7.5	160	TF	110	15,000	10,000	—	2,000	A1 or B-P	6,000	700	3,335	1,350	1,350	180	4.5	—	—	16,500	12.8
4D21/4-125A	Radiation Cooled Radial Beam Power Tetrode	5.69	2.1	5BK	5.0	6.5	TF	120	125	3,000	—	400	C-T	167	350	30	30	30	150	5.9	2,450	2.5	375	0.406
4E27A/5-125B	Radiation Cooled Radial Beam Power Pentode	6.19	2.75	7BM	5.0	7.5	TF	75	85	4,000	—	750	C-T	167	500	16	16	16	205	5	2,150	9	375	0.375

VACUUM POWER TUBES—Gridded Types (Transmitting and Industrial Types)



GENERAL ELECTRIC

TYPE	DESCRIPTION	DIMENSIONS IN INCHES			CATHODE			MAXIMUM RATINGS					TYPICAL OPERATING CONDITIONS									
		Length	Diameter	Type	Volts	Amps	Type	Max. Freq. for Full Input, Mhz	Plate Dissipation	Plate Volts	Plate Input	Screen Grid No. 2	CLASS AND TYPE OF SERVICE	Plate Volts	Plate Current, ma (A=Amps)	Screen Grid No. 2	Screen Grid No. 1	Z Factor	GM / mhos	Approx. Drive Power, Watts	Approx. Output Power, Watts	Approx. Net Weight, Lbs.
4PR60C/ 8252W	Radiation Cooled Pulse Modulator Ietrode	6.0	3.063	CU	26.0	2.1	—	60	20,000	—	1,500	C-1p	20,000	18A	1,250	2,700	-600	—	—	—	18,750	0.75
4PR65A/ 8187	Radial Beam Pulse Ietrode Radiation & FAC	4.19	2.38	TF	6.0	3.8	150	65	7,500	—	2,000	C-1p	7,500	200	500	-300	6	—	4.9	1,265	0.188	
4PR125M/ 8247	Radial Beam Pulse Ietrode Radiation & FAC	5.69	2.81	TF	5.0	7.0	120	125	9,000	—	2,000	C-1p	9,000	416	1,500	-385	—	2,450	3.2	2,880	0.406	
4PR250C/ 8248	Radial Beam Pulse Ietrode Radiation & FAC	7.63	3.6	TF	5.0	14.7	—	250	25,000	—	2,000	C-1p	25,000	940	1,500	-650	5.2	—	4.7	19,000	0.781	
4PR400A/ 8188	Radial Beam Pulse Ietrode Radiation & FAC	6.38	3.56	TF	5.0	14.7	110	400	10,000	—	2,500	C-1p	10,000	870	1,500	-725	5.1	4,000	8.5	6,600	0.563	
4PR1000A/ 8189	Radial Beam Pulse Ietrode Radiation & FAC	9.63	5.25	TF	7.5	22.7	110	1,000	15,000	—	2,500	C-1p	15,000	1,95A	1,500	-510	6.9	10,000	15.2	23,000	1.5	
4PR1000B	Radial Beam Pulse Ietrode	Ruggedized Version of 4PR1000A for shipboard service.																				
4X150A/ 7034	Beam Power Ietrode FAC	2.404	1.640	CU	6.0	3.8	500	250	1,250	—	400	AB ₁ (2)	2,000	500	350	350	-55	6.0	—	0	600	0.25
4X150D/ 7035	Radial Beam Power Ietrode FAC	2.404	1.640	CU	26.5	0.62	500	250	2,000	—	300	C-1	1,250	200	250	-80	6	—	10.0	140	0.25	
4X150G/ 8172	Radial Beam Power Ietrode FAC	2.75	1.635	CU	2.5	7.3	500	250	1,250	—	300	C-1	1,250	200	250	-80	5	—	10	140	0.375	
4X500A	Radial Beam Power Ietrode FAC	4.75	2.625	TF	5	13.7	220	500	3,000	—	500	T-V	2,400	400	500	-100	6.5	5,200	25	600	1.7	
5-500A	Radial Beam Power Pentode Rad. & FAC	7.0	3.56	TF	10	10.2	120	500	4,000	—	500	C-1	4,000	315	500	-150	6.5	5,200	5	835	0.688	
5CX1500A	Ceramic/Metal FAC Power Pentode	4.95	3.37	TF	5.0	40	110	1,500	5,000	—	—	C-1	4,500	900	500	—	5.5	24,000	9.0	3,180	1.875	
5CX3000A	Ceramic/Metal FAC Power Pentode	6.84	4.63	TF	9.0	41.5	150	4,000	7,000	—	—	AB ₁ (2)	3,800	800	500	—	5.5	24,000	10	1,958	5.5	
6C21	Large Convection Cooled Pulse Modulator Power Triode	12.5	5.125	TF	8.2	17	—	300	30,000	—	—	C-1	28,000	15.0A	—	-1,500	30	6,100	7.5KW	375KW	1.3	

TYPE	DESCRIPTION	DIMENSIONS IN INCHES			CATHODE		MAXIMUM RATINGS				CLASS AND TYPE OF SERVICE	TYPICAL OPERATING CONDITIONS											
		Length	Diameter	Volts	Amps	Type	Max. Freq. for Full Input, MHz	Plate Dissipation	Plate Volts	Plate Input		Screen Grid No. 2	Plate Volts	(A=Amperes)	Screen Grid No. 2	Screen Volts	Screen Grid No. 2	Grid No. 1	% Factor	GM & mhos	Approx. Drive Power, Watts	Approx. Output Power, Watts	Approx. Net Weight lbs.
UXCV11	Power HF Triode	7.25	2.07	10.0	2.5	TF	—	7.5	1,500	—	—	—	134	—	—	—	—	—	—	1.5	134	134	3.5 oz.
25T	Power Triode	4.38	1.44	6.3	3.0	TF	60	25	2,000	—	—	—	130	—	—	—	—	—	—	3.4	112	100	0.094
35T	Power Triode	5.5	1.83	5.0	4.0	TF	100	50	2,000	—	—	—	167	—	—	—	—	—	—	4.0	235	200	0.156
100TH	Power Triode	7.75	3.19	5.0	6.2	TF	40	100	3,000	—	—	—	250	—	—	—	—	—	—	7.5	425	400	0.25
100TL	Power Triode	7.75	3.19	5.0	6.5	TF	40	100	3,000	—	—	—	250	—	—	—	—	—	—	10	425	400	0.25
HF200/ HV18/T200	Power HF Triode	9.875	2.937	10	5.75	TF	20	150	2,500	250	—	—	200	—	—	—	—	—	—	4.0	80	380	9.5 oz.
250TH	Power Triode	9.875	3.813	5.0	10.5	TF	40	250	4,000	400	—	—	160	—	—	—	—	—	—	42	1,180	1,000	0.625
254W	Ruggedized Power tetrode FAC	—	—	—	—	—	—	165	3,200	—	—	—	—	—	—	—	—	—	—	—	—	—	—
264/ 8576	Large Power Pentode FAC	6.188	4.438	6.0	17	CU	30	3,000	5,000	—	—	—	1,690	750	80	—	—	—	—	—	—	5,500	3.9
290A	Large Power Pentode FAC	7.25	5.532	6.0	17	CU	30	5,000	6,000	—	—	—	1,74A	750	60	—	—	—	—	—	—	6,275	9.16
HF300/ KUZ3/T300	Power Triode	10.750	3.062	11.0	6.0	TF	30	300	2,500	320	—	—	120	—	—	—	—	—	—	6.0	105	105	12.5 oz.
304TH	Power Triode	7.625	3.563	5 or 10	26 or 13	TF	40	300	3,000	750	—	—	275	—	—	—	—	—	—	13.0	385	410	—
304TL	Power Triode	7.625	3.563	5 or 10	26 or 13	TF	40	300	3,000	—	—	—	665	—	—	—	—	—	—	14	1,400	1,400	0.563
311CH	Power HF Triode	7.875	2.313	10	3.25	TF	—	125	1,750	—	—	—	200	—	—	—	—	—	—	—	—	—	8 oz.
356/ 5771	Large Power Triode WC	11.313	7.0	7.5	170	TF	50	22,500	12,500	33,000	—	—	2.4A	—	—	—	—	—	—	12,000	—	—	7
450TH	Power Triode	12.625	5.125	7.5	12	TF	40	450	6,000	40,000	—	—	3.8A	—	—	—	—	—	—	29,000	—	—	—
450TL	Power Triode	12.625	5.125	7.5	12	TF	40	450	6,000	60,000	—	—	4.8A	—	—	—	—	—	—	44,000	—	—	—
572B/ T160L	Triode	6.5	2.063	6.3	4.0	CF	—	160	2,750	600	—	—	225	—	—	—	—	—	—	—	—	—	4 oz.

VACUUM POWER TUBES—Gridded Types (Transmitting and Industrial Types)



GENERAL ELECTRIC

TYPE	DESCRIPTION	DIMENSIONS IN INCHES		CATHODE			MAXIMUM RATINGS					TYPICAL OPERATING CONDITIONS										
		Length	Diameter	Volts	Amps	Type	Max. Freq. for Full Input, MHz	Plate Dissipation Watts	Plate Volts	Plate Input Watts	Screen Grid No. 2 Volts	CLASS AND TYPE OF SERVICE	Plate Volts	Plate Current, ma (A = Amps)	Screen Grid No. 2 Volts	Screen Grid No. 2 Current, ma	Grid No. 1 Volts	% Factor	GM / mhos	Approx. Drive Power, Watts	Approx. Output Power, Watts	Approx. Net Weight Lbs.
592/3-200A	Power Triode FAC	5.188	2.875	10.5	5.3	TF	—	300	3,500	900	—	B-P	3,000	490	—	—	-90	29	—	20	950	0.375
759	Cold-Cathode	4.0	1.188	—	—	—	—	—	—	—	—	C-P	3,000	250	—	—	-360	—	—	34	503	—
												C-T	3,500	320	—	—	-250	—	—	30	680	—
805	Power Triode	8.5	2.313	10	3.25	TF	30	125	1,500	315	—	AB ₂ (2)	1,500	400	—	—	-16	—	—	7	370(2)	8 oz.
												C-P	1,250	160	—	—	-160	—	—	16	140	—
												C-T	1,500	210	—	—	-105	—	—	8.5	215	—
810	High Perveance Triode	8.750	2.250	10	4.5	TF	—	175	2,750	510	—	B(2)	2,250	450	—	—	-60	—	—	13	725	8 oz.
												C-P	2,000	250	—	—	-380	—	—	35	380	—
												C-T	2,500	300	—	—	-180	—	—	19	575	—
811A	Triode	6.5	2.438	6.3	4.0	TF	30	45	1,250	175	—	C-P	1,250	140	—	—	-120	160	—	10	135	0.2
												C-T	1,500	173	—	—	-200	160	—	7.1	200	—
812A	Triode	6.406	2.438	6.3	4.0	TF	30	45	1,250	175	—	C-P	1,250	140	—	—	-115	29	—	7.6	130	0.2
												C-T	1,500	173	—	—	-120	29	—	6.5	190	—
813	Beam Pentode	7.25	2.563	10	5.0	TF	30	125	2,250	450	800	AB ₂ (2)	2,500	360	750	55	-95	8.5	—	.35	650	0.5
												B-P	2,250	85	400	3	-60	8.5	—	—	70	—
												C-P	2,000	200	350	40	-175	8.5	—	4.3	300	—
828	Beam Power Amp.	7.438	2.062	10	3.25	TF	30	80	2,000	150	750	AB ₁ (2)	2,000	270	750	2	-120	—	0	385	0.3	
												C-T	1,500	180	400	28	-100	—	2.2	200	—	
												C-P	1,250	160	400	28	-140	—	2.7	150	—	
829B	Twin Beam Power Amp.	4.312	2.375	6.3	2.25	CU	—	30	750	100	—	AB ₁ (2)	600	110	200	—	-18	9.0	—	0	44	7.28 oz.
												C-P	600	150	200	—	-60	9.0	—	0.5	70	—
												C-T	750	160	200	—	-50	9.0	—	0.4	99	—
830-B	Twin Beam Pentode	6.688	2.063	10	2.0	—	15	60	1,000	140	—	—	1,000	140	—	—	-65	25	—	—	8.0 oz.	
832-A	Twin Beam Power Amp.	3.312	2.375	6.3	1.6	CU	200	15	600	36	—	C-P	600	60	200	—	-70	6.5	—	0.21	26	6.4 oz.
												C-T	750	65	200	—	-50	—	—	0.24	35	—
833-A	High Perveance Triode FAC	8.812	4.594	10	10	TF	20	450	4,000	1,800	—	B(2)	4,000	900	—	—	-100	—	38	2,700	3	
												C-P	4,000	450	—	—	-325	35	—	42	1,500	—
												C-T	4,000	500	—	—	-225	—	—	35	1,600	—
845	Power Triode	7.875	2.313	10	3.25	TF	—	100	1,250	—	—	A ₁	1,250	80	—	—	-195	5.3	—	30	—	0.5
												AB ₁ (2)	1,250	240	—	—	-400	—	—	115	—	—
862-A	WC Triode Diss. 50 to 100 KW	60	3.125	33	207	TF	1.6	100,000	20,000	100,000	—	C-P	12,000	5.0A	—	—	-800	45	—	2,000	45,000	30
880/5658	WC Triode for Broadcast & RF Heating	11.500	7.0	12.6	320	PT	25	15,000	10,500	40,000	—	B(2)	10,000	7.0A	—	—	-450	—	—	540	46,000	7
												C-P	10,000	3.6A	—	—	-1,200	20	—	1,100	27,000	—
												C-T	10,000	6.0A	—	—	-1,000	—	—	1,500	40,000	—

VACUUM POWER TUBES—Gridded Types (Transmitting and Industrial Types)

TYPE	DESCRIPTION	DIMENSIONS IN INCHES		CATHODE		MAXIMUM RATINGS						TYPICAL OPERATING CONDITIONS										
		Length	Diameter	Volts	Amps	Type	Max. Freq. for Full Input, MHz	Plate Dissipation	Plate Volts	Plate Input	Screen Grid No. 2	CLASS AND TYPE OF SERVICE	Plate Current, ma (A = Apps)	Screen Grid No. 2	Screen Grid No. 2	Grid No. 1	% Factor	GM μ mhos	Approx. Drive Power, Watts	Approx. Output Power, Watts	Approx. Net Weight, Lbs.	
5894/5894A	Air-Cooled Twin Triode Max. Ratings up to 250 MHz	4.312	1.937	6.3 12.6	1.8 0.9	CU	250	40	750	120	300	B(2) C-T	600 600 600	200 200 150	300 250 250	26 16 20	-25 -80 -80	—	—	0.2 3.0 0.8	86 90 71	0.144
5918A	Large Power Triode WC	23.375	7.125	11.0	285	TF	22	70 70 47	17,500 17,500 14,000	100,000 300,000 165,000	—	B-P C-T C-P	4.9A 13.8A 10.0A	—	—	—	—	—	770 3,600	25,000 180,000 104,000	25	
6076	Power Tetraode FAC	6.781	3.563	6.3	32.5	TF	110 110 220	2,000 3,000 3,000	4,000 5,000 4,000	3,700 5,500 6,000	—	C-P C-T B-P	4.000 5.000 4.000	900 1.1A 2.1A	—	—	—	—	48 8.5 400	2,700 3,900 5,000	5	
6076A	Power Tetraode FAC	6.781	3.563	6.3	33.5	TF	200	125	3,000	350	600	AB ₁ (2)	2,500	216	600	26	-97	—	0	345	0.219	
6155	Power Tetraode FAC	4.844	2.438	5.0	6.5	TF	75	250 250 165 250	4,000 4,000 3,200 4,000	1,000 1,000 825 1,250	600 600 600 600	AB ₂ (2) C-P C-T	2,500 2,500 3,000 3,000	302 152 167	350 350 30	36 30	-51 -50 -150	6.2 6.2 6.2	1.8 1.7 2.0	550 300 375		
6156	Power Tetraode FAC	5.656	3.438	5.0	14.1	—	900	250	4,000	750	600	AB ₁ (2)	3,000	310	500	69	-500	5.1	0	635	6.4 oz.	
6161	Triode FAC	3.313	1.5	6.3	3.4	CU	900 900 900	250 167 250	1,600 1,300 1,600	560 270 400	—	B-P C-P C-T	1,500 1,250 1,500	350 210 250	—	—	—	75 75 80	230 120 180	8 oz.		
6L-6251	WC Metal & Ceramic Tetraode	13.250	5.156	5.5	19	TF	220	25,000	7,000	50,000	700	TV	6,800	7.5A	600	50	-20	20	2,300	25,000	15	
6336A	Twin Triode	4.75	2.070	6.3	5.0	CU	—	30	400	35	—	—	190	185	—	—	—	18	4,600	—	0.219	
6336B	Twin Triode	4.75	2.070	6.3	5.0	CU	—	30	400	—	—	—	400	400	—	—	—	2.5	13,500	—	0.219	
6420	Large Power triode WC	13.75	4.188	7.0	85	TF	30	12,500 8,300 12,500	10,000 8,000 10,000	18,000 18,000 18,000	—	B-P C-P C-T	9,000 8,000 9,000	1.0A 1.25A 2.0A	—	—	—	20	—	100 270 240	3,000 5,900 13,200	8
6421	Large Power Triode FAC	13.875	4.188	7.0	85	TF	30	10,000 6,700 10,000	10,000 8,000 15,000	15,000 15,000	—	B-P C-P C-T	9,000 8,000 9,000	1.0A 1.25A 2.0A	—	—	—	20	—	100 270 240	3,000 5,900 13,200	11.5
6421F	Large Power Triode FAC	14.5	8.125	7.0	85	TF	30	7,500 5,000 7,500	10,000 8,000 10,000	11,000 11,000 11,000	—	B-P C-P C-T	9,000 8,000 9,000	1.0A 1.25A 2.0A	—	—	—	20	—	100 270 240	3,000 5,900 13,200	30
6422	Large Power Triode WC	15.5	4.188	7.0	85	TF	30	20,000	12,500	22,000	—	B-P C-P C-T	12,000 9,000 12,000	740 850 2.5A	—	—	—	90	—	40 135 200	3,000 6,300 18,200	10
6423	Large Power Triode FAC	15.75	4.188	7.0	85	TF	30	12,500	9,000	19,000	—	B-P C-P C-T	12,000 9,000 12,000	740 850 2.5A	—	—	—	90	—	40 135 200	3,000 6,300 18,200	15
6423F	Large Power Triode FAC	16	8.125	7.0	8.5	TF	30	10,000	12,500	15,000	—	B-P C-P C-T	12,000 9,000 12,000	740 850 2.5A	—	—	—	90	—	40 135 200	3,000 6,300 18,200	50

Same as type 6076 except difference in heater current

VACUUM POWER TUBES—Gridded Types (Transmitting and Industrial Types)



TYPE	DESCRIPTION	DIMENSIONS IN INCHES		CATHODE		MAXIMUM RATINGS						CLASS AND TYPE OF SERVICE	TYPICAL OPERATING CONDITIONS						Approx. Output Power, Watts	Approx. Drive Power, Watts	Approx. Net Weight, Lbs.
		Length	Diameter	Volts	Amps	Type	Max. Freq. for Full Input, MHz	Plate Dissipation	Plate Volts	Plate Input	Screen Grid No. 2		Plate Current, ma (A=Amps)	Screen Grid No. 2	Screen Grid No. 1	μ Factor	GM & mhos				
7094	Beam Power Pentode	5	2.56	6.3	3.2	CU	175	125	2,000	400	400	AB ₁ (2)	2,000	400	70	-50	10,000	0	560	3 oz.	
7609	Power Tetrode FAC	2.468	1.625	26.5	.57	CU	500	250	2,000	400	400	AB ₁ (2)	2,000	400	36	-50	12,000	—	580	5 oz.	
7788	Frame Grid Receiving Pentode	2.188	0.875	6.3	.34	CU	—	5	400	400	400	TV	1,250	305	45	-70	12,000	9.0	250	1.5 oz.	
7843	Power Tetrode	1.880	1.120	26.5	0.5	CU	1,215	115	1,000	180	300	AB ₁	850	100	1.7	-18	—	0.5	20	2 oz.	
8000	Power Triode	8.5	2.563	10	4.5	Tf	30	175	2,500	225	—	B-P	2,250	100	—	-145	16.5	5.4	75	8 oz.	
8005	Triode	3.0	5.000	16.0	38	PT	150	750	2,500	1,250	—	C-P	2,250	100	—	-265	16.5	2.5	75	—	
8042/4652	Instant Heating Beam Power Tube	3.844	1.750	1.6	3.2	CF	60	25	650	90	200	C-T	600	150	15	-71	4.5	0.3	65	2 oz.	
8072	Beam Power Tube	2.26	1.425	13.5	1.3	CU	500	70	1,800	—	400	C-P	475	94	9	-77	4.5	0.3	34	—	
8122	Beam Power Tube FAC	2.26	1.625	13.5	1.3	CU	500	400	2,200	—	400	C-P	700	40	40	-25	11	2.0	105	2 oz.	
8122M	Matched Pair	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8235A/172	Radial-Beam Power Pentode	5.125	4.032	6.0	8.2	CU	—	1,000	3,000	—	500	AB ₁ (2)	3,000	800	39	-115	3.4	23,000	1,590	3	
8458	RF Twin Tetrode	2.813	1.188	13.5	0.38	CU	200	10	450	50	200	C-T	450	110	4.0	-50	—	1.2	30	1.5 oz.	
8560A/8560AS	Power Tetrode Conduction Cooled	2.1	1.530	6.0	2.6	CU	200	—	2,000	500	300	CU	2,000	250	8	-90	—	4.0	270	8.0 oz.	
8643	Push-Pull Twin Tetrode	3.813	1.710	13.5	1.0	CU	175	38	800	200	300	C-T	750	266	9.5	-90	7	5.3	137	2.6 oz.	

A₁ Single Tube Class A Audio Power Amplifier
AB₁ Single Tube Class AB₁ Audio Power Amplifier
AB₁(2) Push-pull Class AB₁ Audio Power Amplifier
AB₂(2) Push-pull Class AB₂ Audio Power Amplifier
B(2) Push-pull Class B Audio Power Amplifier
B-P Single Tube Class B RF Telephone Service
CF Coated Filament (Directly Heated)
C-P Single Tube Class C Plate-Modulated Telephony Service
C-T Single Tube Class C Telegraphy or FM Service
C-Tp Single Tube Class C RF Pulsed Oscillator
CU Coated Indirectly Heated Cathode (Unipotential)

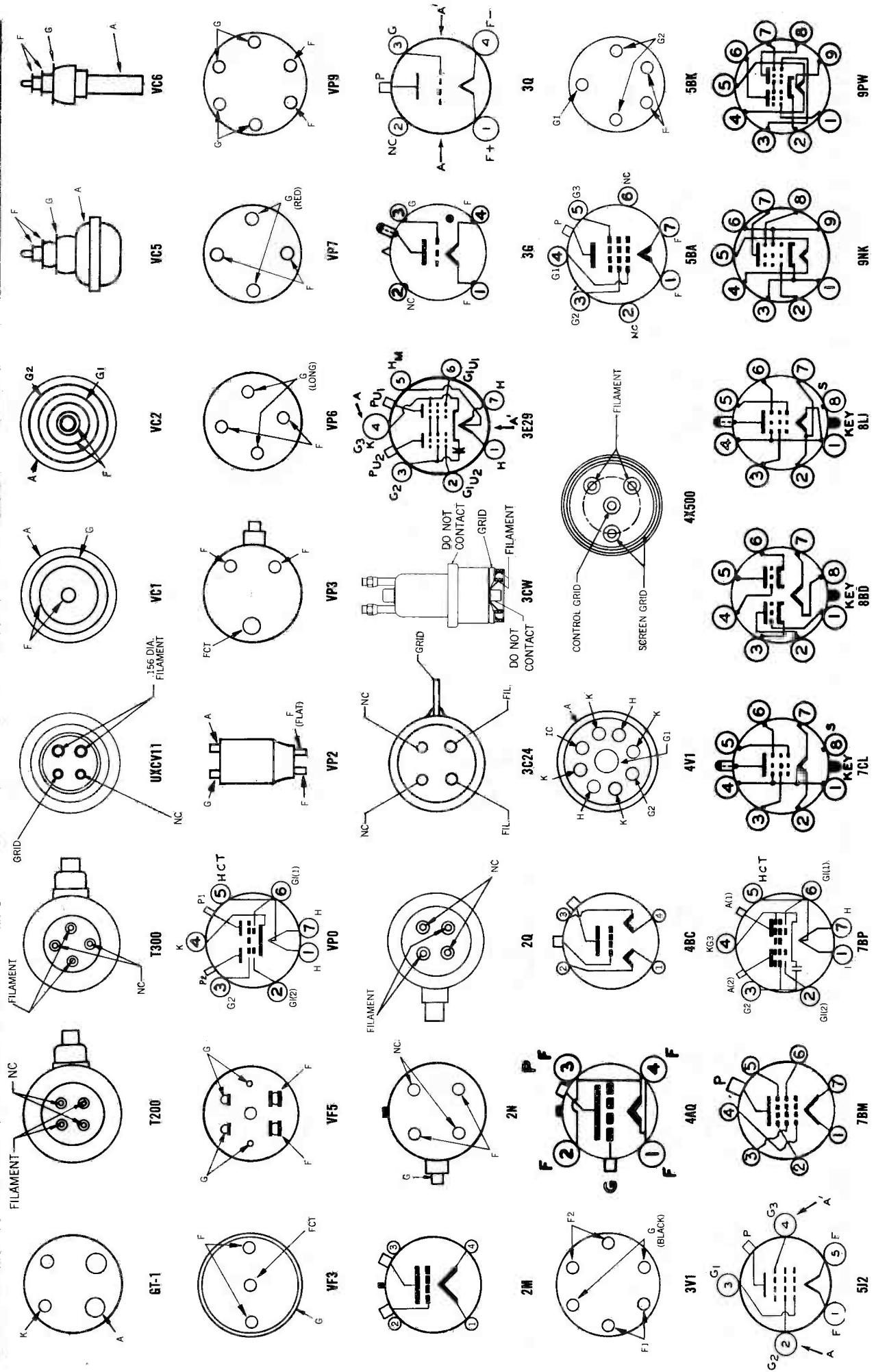
CV Thoriated Tungsten Cathode (Indirectly Heated)
CX Coaxial
FL Flexible Leads
FFL Flexible Filament Leads
PM Pulse Modulator
PT Pure Tungsten Filament (Directly Heated)
Pt Per Tube
SB Special Breechblock
TF Thoriated-Tungsten Filament (Directly Heated)
TV Class B Linear Amplifier TV Service

VR Voltage Regulator Service
a Cathode to Grid Volts
b Referred to Grid Terminal
c Driver Power Output
d Useful Power Output
p Plate-to-Plate
■ Intermittent Commercial and Amateur Service Rating
***** Approximate Rating
\$ Per Section
◆ Maximum Signal Value with Sine Wave Signal

VACUUM POWER TUBES—Gridded Types (Transmitting and Industrial Types)

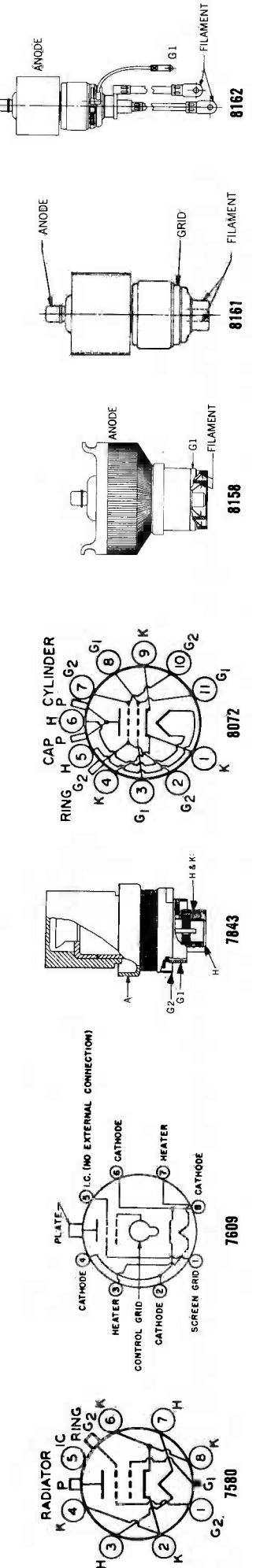
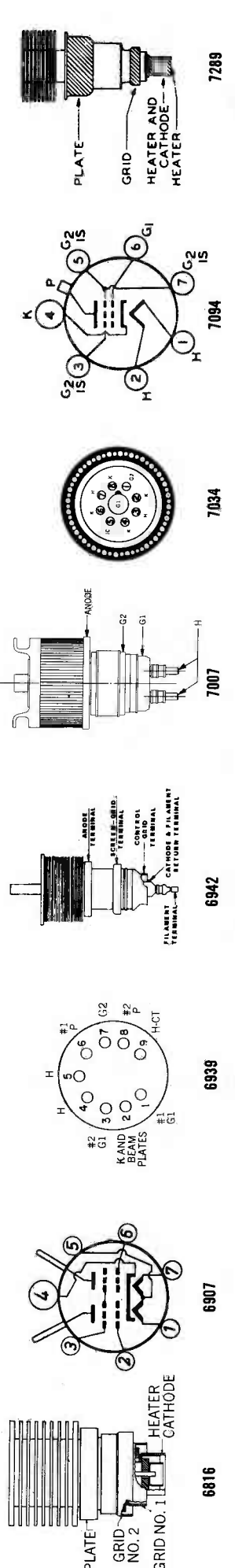
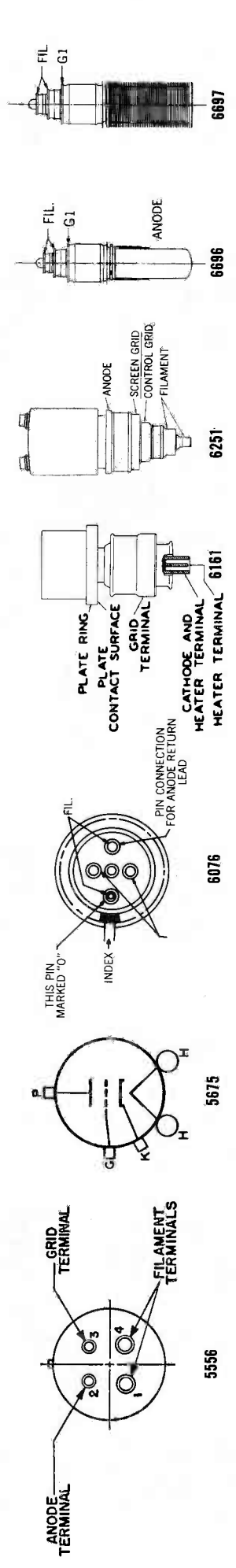
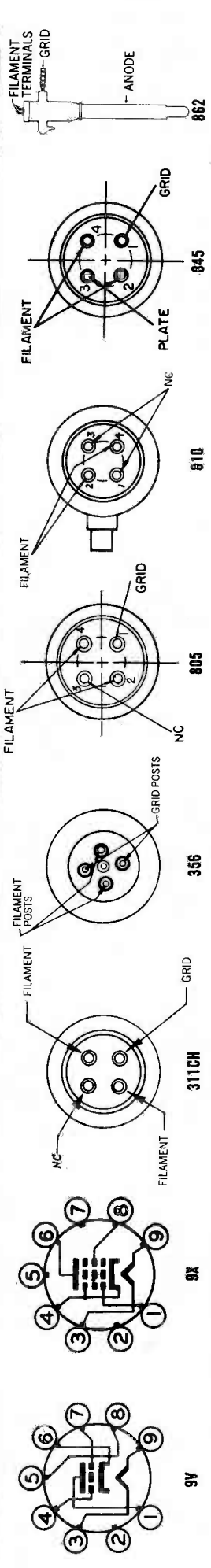


GENERAL ELECTRIC



VACUUM POWER TUBES—Gridded Types (Transmitting and Industrial Types)

GENERAL ELECTRIC



VACUUM POWER TUBES—Gridded Types (Transmitting and Industrial Types)

GENERAL ELECTRIC

<p>8163</p>	<p>8165</p>	<p>8167</p>	<p>8168</p>	<p>8169</p>	<p>8170</p>	<p>8171</p>	<p>8188</p>	<p>8189</p>	<p>8238</p>	<p>8241</p>	<p>8242</p>	<p>8244</p>	<p>8245</p>	<p>8247</p>	<p>8252</p>	<p>8281</p>	<p>8283</p>	<p>8321</p>	<p>8560</p>	<p>8576</p>	<p>8590</p>	<p>8621</p>	<p>8643</p>	<p>8660</p>	<p>8661</p>	<p>8677</p>	<p>8909</p>	<p>8957</p>
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VACUUM POWER TUBES—Gridded Types (PLANAR TUBES, TRIODES, AND TETRODES)

GENERAL ELECTRIC

Type	Max. D.C. Plate (Volts)	Max. Peak Plate (Volts)	If (ma)	Wf (Watts)	Type Construction	Max. Plate (Watts)	Max. Freq. (MHz)	Cathode Area (CHP)	Typ. Output (Watts)	@ Freq. (MHz)	@ Duty Factor	Salient Features	Net Weight (Lbs.)	Outline Drawing
2B22	300	—	750	6.4	Diode	—	1,500	.17	—	—	CW	Power Detector or Monitor	1.1 oz.	1
2C39A	1,000	—	1,030	6.5	Triode	100	2,500	.5	15	2,500	CW	General Purpose Application	2.5 oz.	2
2C39B/6897	1,000	—	1,030	6.5	Triode	100	2,500	.5	17	2,500	CW	CW Power Amplifier/Oscillator	2.0 oz.	3
2C39BA	1,000	—	1,030	6.5	Triode	100	3,500	—	24	2,500	CW	The 2C39BA is specially tested for emission and control characteristics, for applications which are unusually sensitive to these parameters.	2.0 oz.	3
2C39WA/7289	1,000	—	1,030	6.5	Triode	100	2,500	5	15	2,500	CW	Oscillator/Amplifier	2.5 oz.	2
2C40A	500	1,400	750	4.7	Triode	6.5	3,370	.17	300	3,000	.001	Glass Lighthouse Plate Pulsed Oscillator	1.2 oz.	4
2C42	—	3,000	900	5.7	Triode	12	3,370	.32	1,750	1,050	.001	Glass Lighthouse Oscillator/APX25	1.2 oz.	5
2C43	500	3,500	900	5.7	Triode	12	3,370	.32	1,750	3,370	.001	Glass Lighthouse Plate Pulsed Oscillator	1.0 oz.	5
2C46	500	—	900	4.7	Triode	12	3,370	.32	—	1,100	CW	Glass Lighthouse Oscillator/APX25	1.2 oz.	5
3CPN10A5	2,000	3,500	—	5.9	Triode	10	3,000	.5	1,500	1,100	.001	Same as 7815	1.7 oz.	6
3CPX100A5	1,000	3,500	1,600	5.9	Triode	100	3,000	.5	1,600	3,000	.0025	Same as 7289	2.5 oz.	2
A-0897	1,000	2,000	—	6.4	Triode	10.0	2,500	.50	20	1,850	CW	Threaded Anode 6897	1.5 oz.	36
A-0913	330	—	—	2.5	Triode	3.5	3,000	.34	4.0	400	CW	7913 Selected for High Emission & GM	0.2 oz.	17
GL6251	7,000	—	1,400	1,050	Tetrode (Coax.)	25,000	220	—	25,000	216	TV	WC Broadband TV Amplifier	15	7
GL6283	2,000	—	3,800	24	Tetrode (Coax.)	500	1,250	3.5	480	900	CW	Long Life in Military Comm. Systems	1.0	8
6299	200	—	300	1.9	Triode	2.0	3,000	.07	—	—	CW	Low Noise Small Signal Amplifier	0.16 oz.	9
6442	350	3,000	900	5.7	Triode	8.0	5,000	.32	2,000	3,500	.001	Plate Pulsed Oscillator	1.0 oz.	10
6442AL	—	3,000	900	5.7	Triode	8.0	5,000	.32	2,000	3,500	.001	Long Life Airline Version of 6442	1.0 oz.	10
6771	300	—	575	3.6	Triode	6.25	5,000	.17	0.3	4,000	CW	CW Power Oscillator & Multiplier	0.9 oz.	10
6897/2C39B	1,000	2,000	1,030	6.4	Triode	100	2,500	.5	17	2,500	CW	CW Power Amplifier/Oscillator	2.5 oz.	3
GL6942	3,500	—	24A	137	Tetrode (Coax.)	1,000	1,000	2.0	—	1,000	CW	Air Cooled UHF TV Amplifier	3.6	12
7077	250	—	240	1.5	Triode	1.1	7,500	.05	—	—	CW	Small Size Low Noise Amplifier	0.06 oz.	13
7211	1,000	3,500	—	8.2	Triode	100	3,000	.80	20	2,500	CW	Power Amplifier/Oscillator	2.5 oz.	19
7266	—600	—	215	1.4	Diode	1.0	7,500	.05	—	—	CW	Small Signal Diode Detector	0.05 oz.	14
7289	1,000	3,500	1,000	5.9	Triode	100	3,000	.5	1,600	3,000	.0025	Plate Pulsed or CW Power Oscillator/Amplifier	2.5 oz.	2
7296	330	—	900	2.5	Triode	5.5	500	.34	2.0	400	CW	Lug Connectors	0.2 oz.	15
7391	200	—	380	2.4	Triode	2.25	6,000	.07	.065	5,400	CW	Small Power/Local Oscillator to C-Band	0.16 oz.	9
GL7399	5,000	10,000	5.6A	35	Tetrode (Coax.)	500	1,500	5.6	11KW	1,100	.01	General Purpose Long Life Air-Cooled Tetrode	1.0	8
7462	250	—	240	1.5	Triode	1.1	500	.05	—	—	CW	Low Noise Amplifier-Lug Connectors	0.06 oz.	16
7486	250	—	240	1.5	Triode	1.0	7,500	.05	0.3	1,200	CW	Small Size Power Amplifier/Oscillator	0.06 oz.	13
7486AL	250	—	240	1.5	Triode	1.0	7,500	.05	0.3	1,200	CW	Long Life Airline Version of 7486	0.06 oz.	13
7588	300	—	400	2.5	Triode	5.5	500	.34	—	—	CW	Broadband Amplifier-Lug Connectors	0.2 oz.	15
7625	275	400	240	1.9	Triode	0.8	—	—	—	—	—	Low-level Audio Frequency Amplifier	0.06 oz.	16
7644	200	—	300	1.9	Triode	2.0	3,000	.07	—	—	CW	Pulse Stabilized 6299	0.16 oz.	9
7698	2,000	3,500	—	8.2	Triode	10	3,000	.80	2,500	1,100	.001	Plate or Grid Pulsed Amplifier	1.7 oz.	6
7698R	2,000	3,500	—	8.2	Triode	100	3,000	.80	2,500	1,100	.001	Plate or Grid Pulsed Amplifier	2.5 oz.	19
7720	250	—	240	1.5	Triode	1.0	500	.05	0.1	450	CW	Small Size Power Amplifier/Oscillator	0.06 oz.	16

Type	Max. D.C. Plate (Volts)	Max. Peak Plate (Volts)	If (ma)	Wf (Watts)	Type Construction	Max. Plate (Watts)	Max. Freq. (MHz)	Cathode Area (cm ²)	Typ. Output (Watts)	@ Freq. (MHz)	@ Duty Factor	Salient Features	Net Weight (Lbs.)	Outline Drawing
7768	330	—	400	2.5	Triode	5.5	3,000	.34	—	—	CW	Low Noise Broadband Amplifier	0.203 oz.	17
7784	200	—	300	1.9	Triode	2.0	3,000	.07	—	—	CW	Isolated Heater Version of the 6299	0.16 oz.	18
7815	2,000	3,500	1,000	5.9	Triode	10	3,000	.50	1,500	1,100	.001	Grid Pulsed Power Oscillator	1.7 oz.	6
7815AL	2,000	3,500	1,000	5.9	Triode	10	3,000	.50	1,600	3,000	.0025	Plate Pulsed Oscillator	1.7 oz.	6
7815R	2,000	3,500	1,000	5.9	Triode	100	3,000	.50	2,000	2,500	.003	7815 with Air Cooled Radiator	2.5 oz.	19
7815RAL	2,000	3,500	1,000	5.9	Triode	100	3,000	.50	2,000	2,500	.003	Long Life Airline Version of 7815R	2.5 oz.	19
7841	350	—	215	1.3	Diode	1.0	7,500	.95	—	—	CW	Lower Diode Drop Version of 7266	0.05 oz.	14
7855	2,500	—	1	—	Power Triode	100	2,500	—	750	1,100	.001	High Mu & High Transconductance UHF Triode	2.2 oz.	44
7855KAL	2,500	—	0.95	—	Power Triode	10	2,500	—	750	1,100	.001	High Mu & High Transconductance UHF Triode	1.8 oz.	45
7855K	2,500	—	0.95	—	Power Triode	10	2,500	—	750	1,100	.001	High Mu & High Transconductance UHF Triode	1.8 oz.	45
7910	—	1,200	275	1.8	Triode	1.5	7,500	.07	100	5,900	.001	Small Plate Pulsed Power Oscillator	0.057 oz.	20
7911	—	3,000	550	3.5	Triode	6.5	6,000	.34	2,200	4,100	.001	Plate Pulsed Power Oscillator	0.21 oz.	29
7913	330	—	400	2.5	Triode	5.5	3,000	.34	4.0	400	CW	CW Amplifier	0.2 oz.	17
8082	250	—	240	1.5	Triode	1.1	500	.05	0.1	450	CW	"T" Bolt Version of the 7720	0.06 oz.	22
8083	250	—	240	1.5	Triode	1.1	500	.05	—	—	CW	"T" Bolt Version of the 7462	0.06 oz.	22
8403	2,500	3,500	1,300	—	Triode	65	2.5Gc	—	65	—	—	UHF-CW Plate or Grid Pulsed	2.5 oz.	43
GL8500	2,000	—	3.8A	24	Tetrode (Coax.)	500	1,500	3.5	480	900	CW	Reduced Size Air-Cooled Version of the GL6285	1.0	23
8533	8,000	10,000	—	8.2	Triode	100	3,000	.80	5,000	1,100	.01	Plate or Grid Pulsed Amplifier	1.7 oz.	19
8533W	8,000	10,000	—	8.2	Ceramic Metal Triode	100	3,000	.80	5,000	1,100	.01	Plate or Grid Pulsed Amplifier	2.5 oz.	19
8745	3,500	4,500	1.0	6.0	UHF Triode	100	3,000	.5	2,000	3,000	.0025	Grid or Plate Pulsed Power Oscillator or Amplifier	2.5 oz.	19
8751	1,000	2,500	1,050	6.6	Triode	39	3,000	0.65	2,500	1,100	.004	Plate Pulsed Amplifier	0.6	24
GL8866	3,500	—	3.8A	24	Tetrode (Coax.)	150	1,500	3.5	1,000	1,100	.02	Reduced Size Heat Sink Version of GL6283	9.0 oz.	25
8906	3,500	4,500	—	5.9	Triode	10	3,000	.80	2,800	1,100	.0025	Plate Pulsed Amplifier	1.7 oz.	6
8906AL	3,500	4,500	—	5.9	Triode	10	3,000	.80	2,800	1,100	.0025	Long Life Airline Version of 8906	1.7 oz.	6
8907	3,500	4,500	—	5.9	Triode	100	3,000	.80	1,000	1,100	.0025	Grid Pulsed Oscillator	1.7 oz.	19
8907AL	3,500	4,500	—	5.9	Triode	100	3,000	.80	1,000	1,100	.0025	Long Life Airline Version of 8907	1.7 oz.	19
GE12661	350	—	240	1.3	Triode	4.0	3,000	.07	6	450	CW	Low Input to Grid-Plate Capacitance Ratio	0.07 oz.	26
GE13971	—	2,500	550	3.5	Triode	6.5	6,000	.34	1,000	1,100	.004	Plate Pulsed Amplifier	0.205 oz.	27
GE14501	250	—	240	1.5	Triode	1.0	7,500	.05	0.3	1,200	CW	Oscillator/Amplifier	0.06 oz.	28
GE14811	—	1,200	380	2.4	Triode	6.5	6,000	.20	190	4,300	.001	Plate Pulsed Oscillator for Radar Altimeters	0.21 oz.	29
GE15371	—	2,000	500	3.2	Triode	10	6,000	.34	700	1,100	.01	IFF and DME Power Amplifier	0.23 oz.	30
GE15371AL	—	2,000	500	3.2	Triode	10	6,000	.34	700	1,100	.01	Long Life Airline Version of GE15371	0.23 oz.	30
GE15375	—	3,000	—	3.5	Triode	10	4,500	.45	1,000	1,100	.004	IFF and DME Power Amplifier	0.2 oz.	21
GE15375AL	—	3,000	—	3.5	Triode	10	4,500	.45	1,000	1,100	.004	Long Life Airline Version of GE15375	0.2 oz.	21
GE16231	—	1,500	400	2.5	Triode	6.5	3,000	.34	100	1,100	.004	High Gain Broadband Pulsed Amplifier	0.218 oz.	17
GE16231AL	—	1,500	400	2.5	Triode	6.5	3,000	.34	100	1,100	.004	Long Life Airline Version of GE16231	0.218 oz.	17

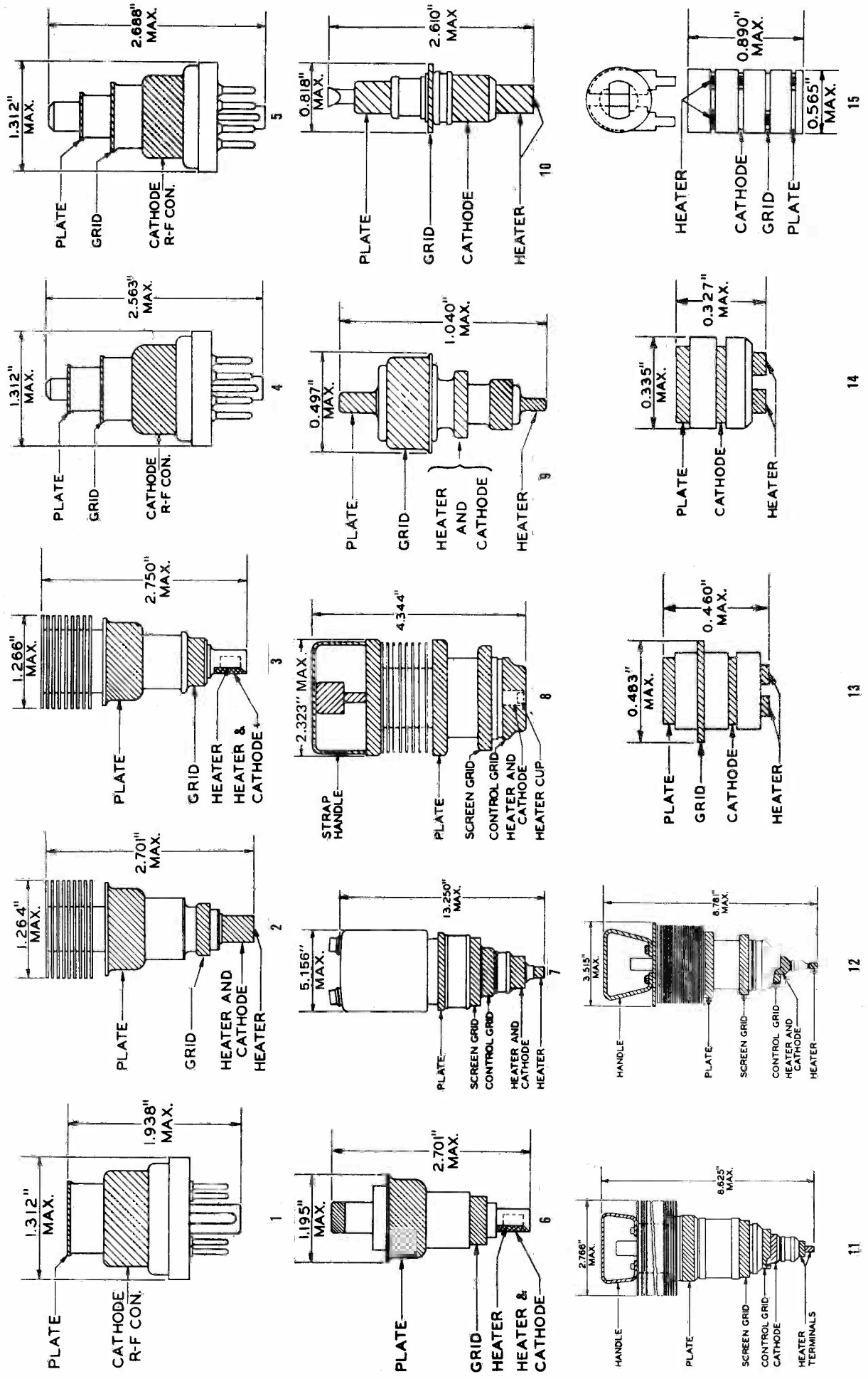
VACUUM POWER TUBES—Gridded Types (PLANAR TUBES, CERAMIC AND GLASS TRIODES, AND TETRODES)

GENERAL ELECTRIC

Type	Max. D.C. Plate (Volts)	Max. Peak Plate (Volts)	If (ma)	Wf (Watts)	Type Construction	Max. Plate (Watts)	Max. Freq. (MHz)	Cathode Area (CM ²)	Typ. Output (Watts)	@ Freq. (MHz)	@ Duty Factor	Salient Features	Net Weight (Lbs.)	Outline Drawing
GE16411	250	—	150	1.0	Triode	1.0	7,500	.05	.45	450	CW	Bonded Heater Version of the 7486	0.0565 oz.	13
GE16841	250	—	275	1.7	Triode	1.5	7,500	.07	—	4,300	CW	CW Oscillator	0.057 oz.	20
GE17241	1,750	2,500	970	5.9	Triode	10	3,000	.50	675	1,100	.0635	Threaded Anode 781.5 for ATC Transponders	1.5 oz.	31
GE17701	—	3,500	1,250	7.9	Triode	30	3,000	.80	2,500	1,100	.004	Power Output Amplifier for TACAN/DME	0.307 oz.	24
GE17701AL	—	3,500	1,250	7.9	Triode	30	3,000	.80	2,500	1,100	.004	Long Life Airline Version of GE17701	0.307 oz.	24
GE18651	—	2,000	550	3.2	Triode	6.5	6,000	.34	500	1,100	.004	Plate Pulsed Amplifier	0.21 oz.	32
GE18651AL	—	2,000	550	3.2	Triode	6.5	6,000	.34	500	1,100	.004	Long Life Airline Version of GE18651	0.21 oz.	32
GE21351	—	2,000	—	3.2	Triode	10	6,000	.34	500	1,100	.004	DME/TACAN Power Amplifier	0.2 oz.	30
GL51025	2,500	800	3.8A	24	Triode	110	1,300	3.5	25KW	1,300	.001	Triode Equivalent to GL6283 with Internal Feed-back	3.25 oz.	33
GL51038	5,000	10,000	5.6A	35	Tetrode (Coax.)	600	1,500	5.5	60KW	425	.001	Version of GL7399 with Axial Air-Flow Radiator	0.8	34
GL51038R	5,000	10,000	5.6A	35	Tetrode (Coax.)	600	1,500	5.5	60KW	425	.001	Rhodium-Plated GL51038 for Liquid Immersion	1.0	34
GL51064	8,000	—	24.0A	137	Tetrode (Coax.)	2,750	1,250	2.0	4,000	400	CW	Axial Air-Flow Radiator Version of the GL6942	5.0	12
GL51065	—	—	3.8A	24	Tetrode (Coax.)	600	1,500	3.5	10KW	425	.005	Pulse Rated Version of the GL6283 with Axial Air-Flow Radiator	13.0 oz.	38
GL51070	—	—	3.8A	27	Tetrode (Coax.)	600	900	3.5	260	900	CW	CW Version of the GL51065	0.8	38
GL51074	3,750	8,000	3.8A	27	Tetrode (Coax.)	110	1,300	3.5	40KW	425	.002	High Voltage Version of the GL51025	0.2	33
Y-1032	60	—	—	1.5	Triode	1.0	6,000	.05	—	—	CW	Low Voltage Version of the 7077	0.06 oz.	13
Y-1124	400	1,200	—	1.4	Triode	3.5	6,000	.07	40	5,700	.016	Bonded Heater Version of the 7910	0.057 oz.	20
Y-1171	200	—	—	1.7	Triode	4.5	10K	.05	.01	9,600	CW	CW X-Band Oscillator	0.057 oz.	20
Y-1223	600	—	—	2.8	Triode	30	2,500	.34	10	2,300	CW	High Dissipation Version of the 7913	0.25 oz.	37
Y-1251	200	—	—	1.5	Triode	2.5	6,000	.05	.02	5,900	CW	C-Band CW Oscillator	0.057 oz.	20
Y-1536	—	2,500	—	6.6	Triode	30	3,000	.65	2,500	1,100	.004	Plate Pulsed Amplifier	0.3 oz.	24
Y-1541	1,200	2,400	—	3.8	Triode	6.5	6,000	.34	600	4,300	.001	Grid-Pulsed, Bonded Heater	0.21 oz.	29
Y-1549	1,200	2,400	—	3.5	Triode	6.5	6,000	.34	600	4,300	.001	Grid-Pulsed Version of the 7911	0.21 oz.	29
Y-1636	2,000	3,000	—	8.2	Triode	50	3,000	.80	1,000	2,000	.007	Pulsed Oscillator Service	0.42 oz.	39
Y-1692	600	—	—	7.8	Triode	50	2,500	.80	50	1,000	CW	High-Transconductance Low Voltage Y-1636	0.42 oz.	40
Y-1763	2,500	4,000	—	21	Triode	200	1,500	2.30	5,000	1,000	.02	High-Power CW or Pulsed Service	1.34 oz.	41
Y-1774	2,000	3,000	—	10.7	Triode	100	2,000	1.25	2,500	1,000	.02	CW or Pulsed Service	0.75 oz.	42

VACUUM POWER TUBES—Gridded Types (PLANAR TUBES TRIODES, AND TETRODES)

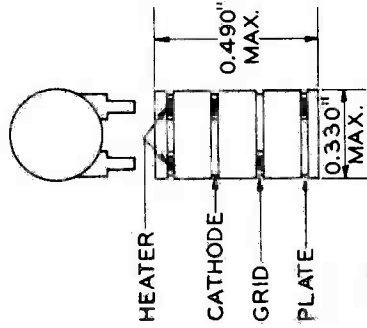
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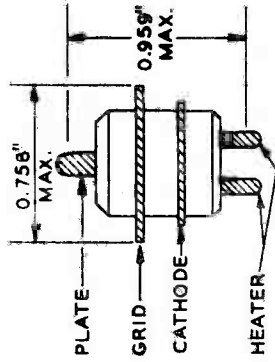
VACUUM POWER TUBES—Gridded Types (PLANAR TUBES (CERAMIC AND GLASS TRIODES, AND TETRODES))



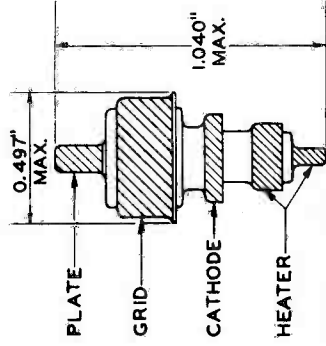
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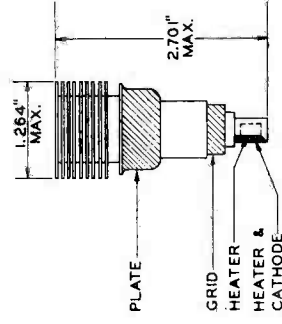
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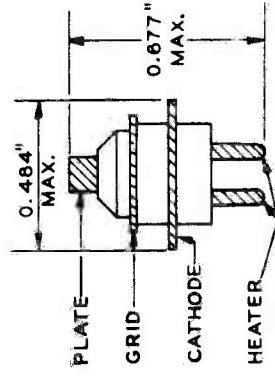
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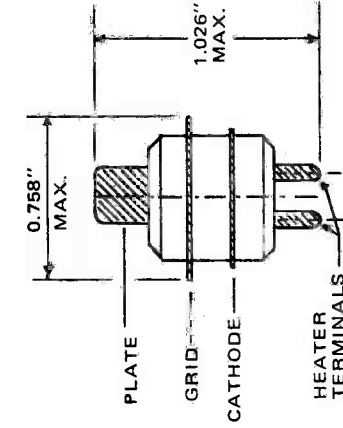
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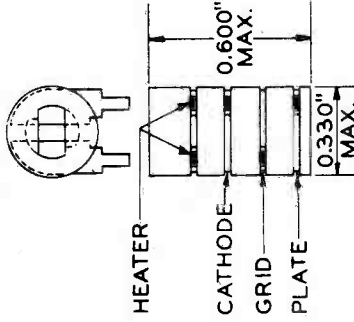
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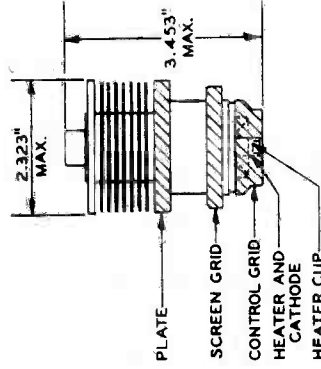
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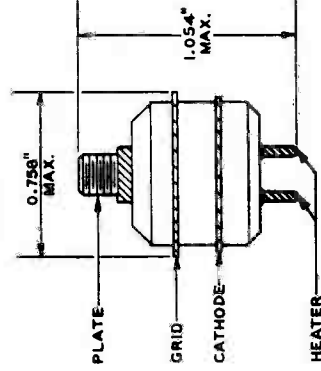
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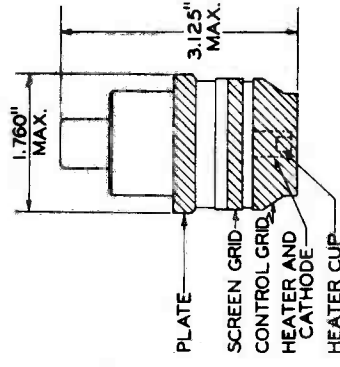
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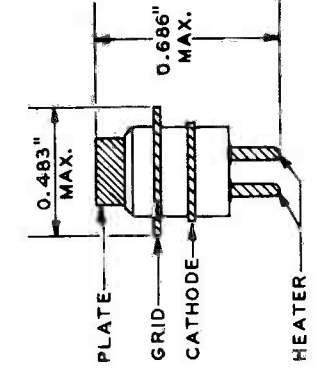
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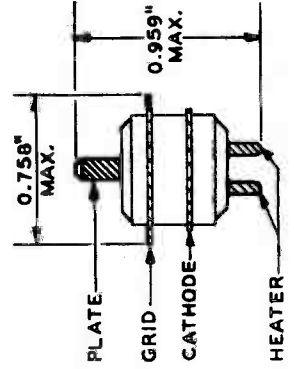
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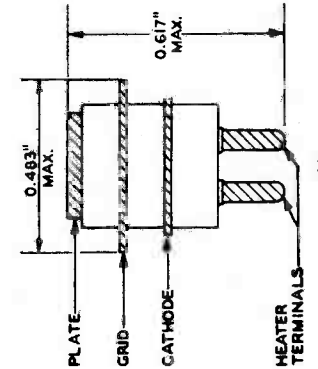
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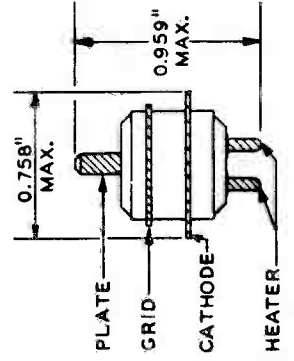
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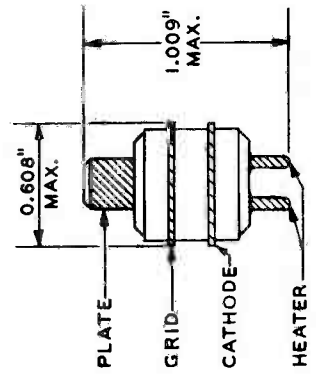
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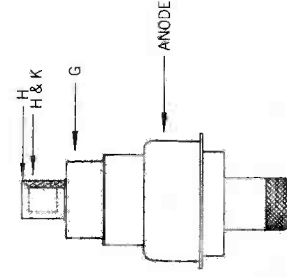
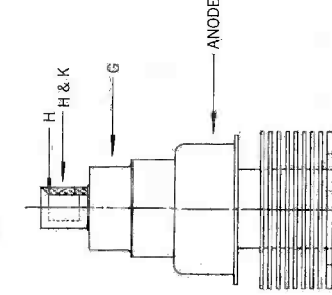
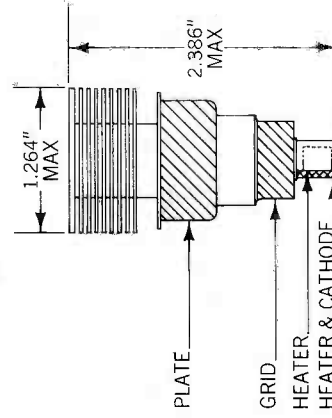
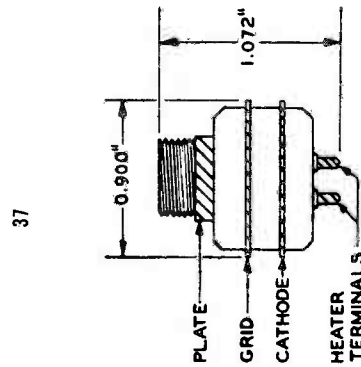
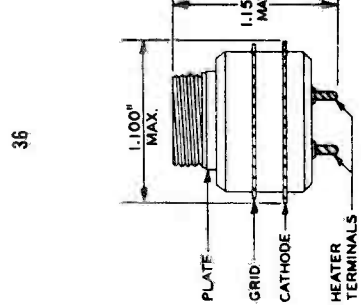
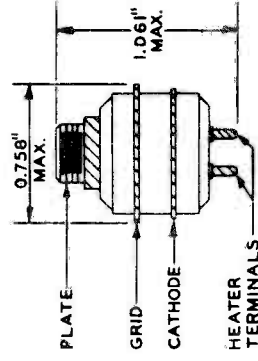
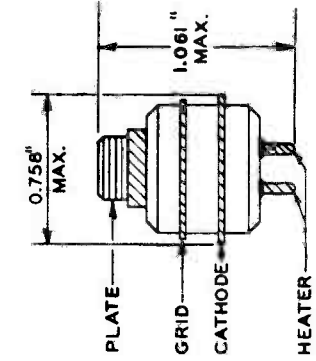
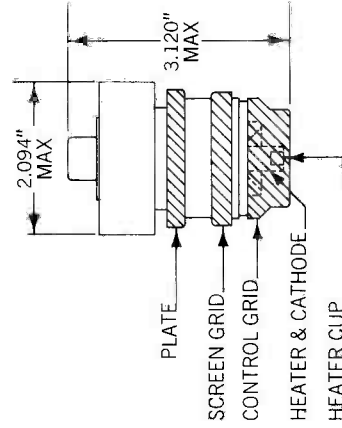
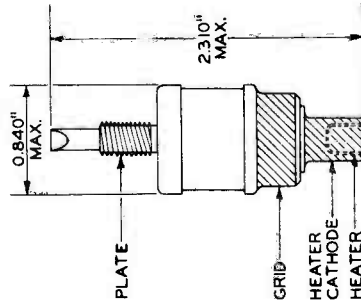
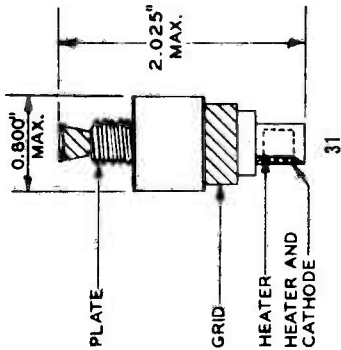
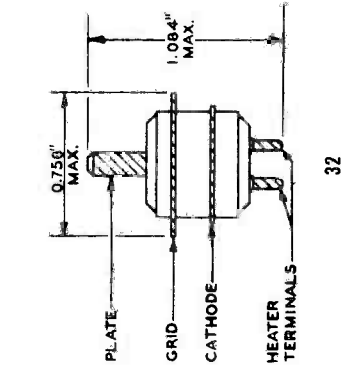
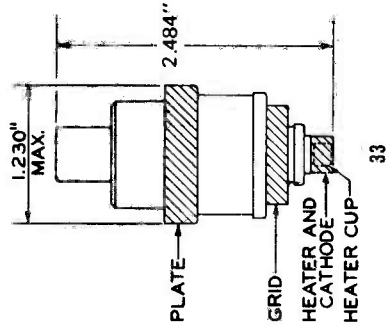
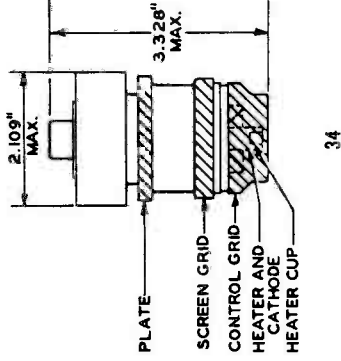
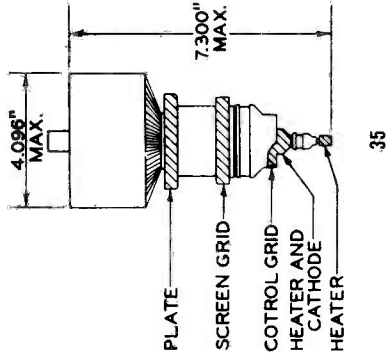


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VACUUM POWER TUBES—Gridded Types (PLANAR TUBES (CERAMIC AND GLASS TRIODES, AND TETRODES)



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THYRATRON TUBES



GENERAL ELECTRIC

Type	Description	Tube Base or Base Drawing	Dimensions Inches (Max.)		Cathode		Approx. Tube Drop Volts	Temperature Range of Condensed Mercury °C	Peak Forward Anode Volts	Peak Inverse Anode Volts	Peak Cathode Amperes	Average Cathode Amperes	Fault Amperes	Critical Grid Volts at Anode Volts	Approx. Weight Ounces
			Length	Diam.	Volts	Amps.									
2D21	Gas Filled Min.	7-pin 7BN	2.125	0.750	6.3	0.6	8	-75 to +90#	650	1,300	0.5	0.1	10	4.2 @ 450	0.25
3C23	Gas & Mercury Filled	Small 4-pin bayonet 3G	6.125	2.062	2.5	7	15	-40 to +80 -40 to +100	1,250 200	1,250 200	6 6	1.5 1.5	120 120	-5.5 @ 1,000 -2.5 @ 100	3
C3/AL/7556A	Thyratron Xenon Filled	Lug 4PL	6.75	1.625	2.5	9	—	—	1,000	1,250	30	2.5	300	—	3
C3/AL-Ne	Thyratron Xenon & Neon Filled	Lug 4PL	6.75	1.625	2.5	9	—	—	1,000	1,250	30	2.5	300	—	3
C3/L/7216	Gas Thyratron	Lug C3/L	6.75	1.625	2.5	9	—	—	900	1,250	30	2.5	300	—	3
C6J	Gas Thyratron Xenon Filled	A4-81 C6J	8.75	2.063	2.5	21	—	—	750	1,250	80	6.4	770	—	12
C6/J/5685	Gas Thyratron Xenon Filled	A4-81 C6/J/K	8.75	2.063	2.5	21	—	—	1,000	1,250	80	6.4	770	—	7
C6/J-K-Ne	Gas Thyratron Xenon Filled	A4-81 C6/J/K	8.75	2.063	2.5	21	—	—	1,000	1,250	80	6.4	770	—	7
C6/J/KP	Gas Thyratron Xenon Filled	Panel Mtg. C6/J/KP	8.0	2.063	2.5	21	—	—	1,000	1,250	80	6.4	770	—	7
C6/L/7321	Gas Thyratron Xenon Filled	A4-90 C6/L	9.2	2.0	2.5	21	9	-55 to +75	1,000	1,250	77	6.4	770	—	7
C6/P/6860	Inert-Gas Filled	Panel Mtg. C6/P	8.75	2.032	2.5	21	12	-55 to +75	1,000	1,250	77	6.4	770	—	8
6D4	Gas Filled Miniature	7-pin-5AY	2.125	0.750	6.3	.25	16	-55 to +90#	350	350	0.11	.025	—	—	0.25
KY21A	Mercury Filled	Medium 5-pin A5-11	8.0	2.063	2.5	10	—	—	5,500	11,000	3	0.75	100	—	4
FG-81-A	Gas Filled	Medium 4-pin bayonet 3G	6.625	2.437	2.5	5	16	-55 to +85	500	500	2.0	0.5	40	-7.5 @ 500	4
FG-97	Mercury Filled	Medium 4-pin bayonet FG-97	6.750	2.437	2.5	5	16	+40 to +80	1,000	1,000	2.0	0.5	40	-13 @ 1,000	5
FG-98A	Gas Filled	Medium 4-pin bayonet FG-97	6.750	2.437	2.5	5	16	-55 to +85	500	500	2.0	0.5	40	-16 @ 500	5
FG-105	Mercury Filled	Super-jumbo 4-pin bayonet FG-105	11.250	2.500R	5.0	10	16	-40 to +80	2,500	2,500	40	6.4	400	-9 @ 1,000	22
FG-172	Mercury Filled *Welder Control Ratings	Flexible leads & threaded terminal FG-172	10.750	2.625R	5.0 5.5*	10 11*	16 16	+40 to +80 +30 to +95	2,000 750	2,000 750	40 77	6.4 2.5	400 400	-9 @ 1,000	1.4 lbs.
393-A	Gas & Mercury Filled	Octal 5AV	6.625	2.062	2.5	7	15	-40 to +80	1,250	1,250	6.0	1.5	—	-5.5 @ 1,000	3
GL-414	Mercury Filled	Bracket mounted flexible leads FG-172	15.187	3.125	5	19	20	+40 to +80	3,000	3,000	100	5.0	1,500	-10 @ 1,000	4 lbs.
KU-610	Gas Filled	610	6.5	2.438	2.5	6.5	—	—	500	500	0.4	0.1	—	—	3
KU-624	Hydrogen Filled	4CE	11.125	3.313	5.0	10	—	—	2,500	—	80	6.4	—	—	1.2 lbs.
632B	Mercury Filled	A4-71 4CD	8.313	2.313	5.0	4.7	—	—	1,500	1,500	30	2.5	150	—	6

Type	Description	Tube Base or Base Drawing	Dimensions Inches (Max.)			Cathode		Approx. Tube Drop Volts	Temperature Range of Condensed Mercury °C	Peak Forward Anode Volts	Peak Inverse Anode Volts	Peak Cathode Amperes	Average Cathode Amperes	Fault Amperes	Critical Grid Volts at Anode Volts	Approx. Weight Duces
			Length	Diam.	Volts	Amps.										
672-A	Mercury Filled	Super-jumbo 4-pin bayonet 672A	8.125	2.312	5.0	5.0	12	+40 to +80	2,500	2,500	40	3.2	150	-10 @ 1,000	9	
KU-676	Hydrogen Filled	4PB	11.75	3.813	5.0	10	—	—	2,500	2,500	40	6.4	—	—	8	
677	Hydrogen Filled	4PB	11.438	3.813	5.0	10	—	—	10,000	10,000	15	4.0	—	—	16	
678	Mercury Filled	Jumbo 4-pin bayonet 3N	10.750	2.562	5.0	7.5	15	+25 to +50	10,000	15,000	6.0	1.6	50	-15 @ 1,000	13	
710/6011	Gas & Mercury Filled	Medium 4-pin 4G-27A	6.25	1.625	2.5	30	15	-40 to +80	1,000	1,250	30	2.5	250	—	5	
710L/7518	Gas & Mercury Filled	A4-100 7518/710L	6.625	1.625	2.5	9	15	-40 to +80	1,500	1,500	30	2.5	250	—	5	
714/7021	Gas & Mercury Filled	A4-10 7021	6.125	2.063	2.5	5	15	-40 to +80	1,250	1,250	50	—	50	—	3	
716/6855	Gas & Mercury Filled	A4-10 6855	4.313	1.563	2.5	6.3	8	-40 to +80	1,250	1,250	8	1.0	80	—	3	
734L	Xenon Filled	A4-90 734L	8.25	2.063	2.5	11.5	—	—	1,500	1,500	40	3.2	560	—	8	
740/6856	Gas & Mercury Filled	A4-81 6856	9.5	2.063	2.5	16	12	-40 to +80	1,500	1,500	50	2.5	400	—	7	
740L/7022	Gas & Mercury Filled	A4-90 Lug 6989	9.5	2.063	2.5	16	12	-40 to +80	1,500	1,500	4	—	400	—	7	
740P/6857	Gas & Mercury Filled	A4-81 w/flexible leads 6857	9.5	2.063	2.5	16	12	-40 to +80	1,500	1,500	50	2.5	400	—	7	
760L/7023	Gas & Mercury Filled	A4-90 Lug 6989	10.0	2.563	2.5	21	12	-40 to +80	1,500	1,500	6.4	—	770	—	9	
770L	Gas & Mercury Filled	A4-90 Lug 6989	10.75	2.563	2.5	25	—	—	1,500	1,500	120	10	1,000	—	12	
873	Mercury Filled	873	8.5	2.0	5.0	6.75	10-15	+40 to +80	3,000	3,000	10	1.25	90	-5.5 @ 1,000	6.5	
2050A/2050	Gas Filled	Octal 8-pin 685	4.125	1.562	6.3	0.6	8	-75 to +90#	650	1,300	1.0	0.1	10	-3 @ 650	1	
5544/734	Gas Filled	Super-jumbo 4-pin 4BZ	7.500	2.625	2.5	12	16	-55 to +70#	1,300	1,500	40	3.2	560	-8 @ 1,000	8	
5557/FG-17/715	Mercury Filled	Medium 4-pin bayonet 3G	6.125	2.062	2.5	5	16	+40 to +80	2,500	5,000	2	0.5	40	-7 @ 1,000	3	
5559/FG-57	Mercury Filled	Small 4-pin bayonet 4BL	7.125	3.000	5.0	4.5	16	+40 to +80	1,000	1,000	15	2.5	200	-6.5 @ 1,000	4.5 lbs.	
5560/FG-95	Mercury Filled	Small 4-pin bayonet 4CD	7.312	2.125	5.0	4.5	16	+40 to +80	1,000	1,000	15	2.5	200	-9 @ 1,000	5.0 lbs.	
5563-A	Mercury Filled	Jumbo 4-pin bayonet 3N	10.531	2.625	5.0	10	15	+25 to +50 +25 to +55 +25 to +50 +25 to +55	20,000 15,000 20,000 15,000	20,000 15,000 20,000 15,000	6.4 10 11.5 11.5	1.6 1.8 2.5 2.5	70 70 70 70	-2.5 @ 500	13	
5632/C3J	Gas Filled	Small 4-pin bayonet FG-27A	6.000	1.562	2.5	9	10	-55 to +75#	900	1,250	30	2.5	300	-4.5 @ 750	6.0 lbs.	
5665/C16J	Xenon Filled	Bracket and flexible leads 5665/C16J	10.500	2.667	2.5	31	11	-55 to +75#	1,000	1,250	160	16	1,000	-2.2 @ 500 -4.0 @ 1,000	3	
5684-Ne	Xenon & Neon Filled	4CF	6.0	1.563	2.5	9	—	—	1,250	1,250	30	2.5	300	—	3	
5684/C3JA	Xenon Filled	4CF	6.0	1.625	2.5	9	—	—	1,250	1,000	30	2.5	300	—	3	

THYRATRON TUBES



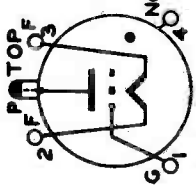
GENERAL ELECTRIC

Type	Description	Tube Base or Base Drawing	Dimensions Inches (Max.)		Cathode	Approx. Tube Drop Volts	Temperature Range of Condensed Mercury °C	Peak Forward Anode Volts	Peak Inverse Anode Volts	Peak Cathode Amperes	Average Cathode Amperes	Fault Amperes	Critical Grid Volts at Anode Volts	Approx. Weight Ounces
			Length	Diam.										
5720	Mercury Filled	Medium 4-pin bayonet 4BL	7.500	3.000	5.0	4.5	+35 to +80	1,000	1,000	15	2.5	200	+9.5 @ 1,000	5
5727	Inert Gas Filled	7-pin miniature 7BN	1.875	0.750	6.3	0.6	-75 to +90#	650	1,300	0.5	0.1	10	-3.5 @ 450	0.25
5796	Xenon Filled	4CF	5.0	1.562	2.5	8.5	-55 to +75	1,500	1,500	20	1.6	280		1.562
5855	Gas Filled	Lugs 5885	11.015	3.625	2.5	34	-55 to +70#	1,500	1,500	160	18	2,000	-3 @ 1,000	2.8 lbs.
5869/9950	Mercury Filled	5869	8.469	2.172	5.0	6.5	+25 to +60	10,000	10,000	4	1.0	40		8.5
5870A	Mercury Filled	5870	13.5	2.953	5.0	14.0	+25 to +60	10,000	10,000	10	2.5	100		28
6012	Gas Filled	Octal 6-pin 6C0	4.250	1.031	6.3	2.5	-75 to +90#	650	1,300	5	0.5	20	-10 @ 650	3
6014/C1K	Xenon Filled	Small 4-pin bayonet 4AX	4.250	1.562	2.5	6.3	-55 to +75#	1,000	1,250	8	1	77	-2 @ 500	3
6268/4C35A	Hydrogen Filled	4C35A	6.625	2.5	6.3	6.1	—	8,000	8,000	90	0.1	—		7
6807	Gas Filled	Super-jumbo bayonet 6807	9.000	2.625	2.5	21.0	-55 to +70#	1,500	1,500	80	6.4	1,120	-6 @ 1,000	12
6808	Gas Filled	Flexible leads Brkt. mtg. 6808	9.000	2.625	2.5	21.0	-55 to +70#	1,500	1,500	80	6.4	1,120	-6 @ 1,000	12
6809	Gas Filled	Spade lugs for panel mtg. 6807	9.000	2.625	2.5	21.0	-55 to +70#	1,500	1,500	80	6.4	1,120	-6 @ 1,000	12
6858/760	Gas & Mercury Filled	4-pin bayonet 6807	9.500	2.562	2.5	21.0	-40 to +80	1,500	1,500	77	6.4	770	-4 @ 500 -5.5 @ 1,250	9
6859/760-P	Gas & Mercury Filled	Bracket for panel mtg. 6808	9.500	2.562	2.5	21.0	-40 to +80	1,500	1,500	77	6.4	770	-4 @ 500 -5.5 @ 1,250	9
6989/C61/KL	Xenon Filled	6989	9.250	1.625	2.5	21.0	—	1,000	1,250	—	6.4	770		7
6989-Ne	Xenon & Neon Filled	6989	9.250	1.625	2.5	21.0	—	1,000	1,250	—	6.4	770		7
7363	Inert Gas Filled	4CF	4.625	1.563	2.5	8.0	-55 to +70	1,500	1,500	20	1.6	240		3
7410	Xenon Filled	87-12 7410	6.313	2.063	2.5	7.0	—	1,700	1,700	6.0	1.5	—		5
7556A-Ne	Xenon & Neon Filled	Lug 4PL	6.75	1.625	2.5	9.0	—	1,500	1,500	30	2.5	300		3
7725/710A	Gas & Mercury Filled	4-pin bayonet FG-27A	6.250	1.625	2.5	9.0	-40 to +80	3,500	3,500	30	2.5	250	-5 @ 1,000 -9 @ 3,500	5
7726/710AL	Gas & Mercury Filled	Spade lugs 7518/710L	6.250	1.625	2.5	9.0	-40 to +80	3,400	3,500	30	2.5	250	-5 @ 1,000 -9 @ 3,500	5
8043	Hydrogen Filled	A4-69 8043	10.875	2.563	5.0	5.95	+25 to +50	21,000	21,000	7.5	2.0	50		11
8270	Mercury Filled	8270	13.465	4.724	5.0	13.0	+25 to +75	2,500	2,500	20.0	5.0	200	-3.85 @ 500	17

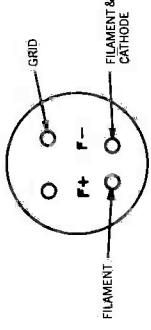
Temperature rating expressed in ambient temperature range over which the tube will operate.

THYRATRON TUBES

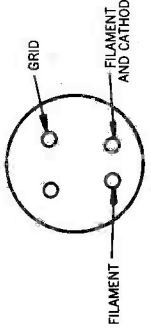
GENERAL ELECTRIC



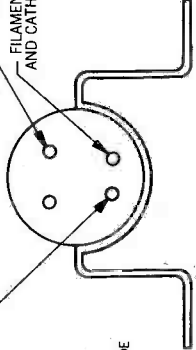
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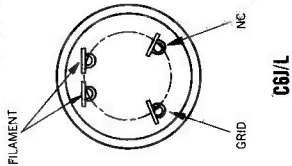
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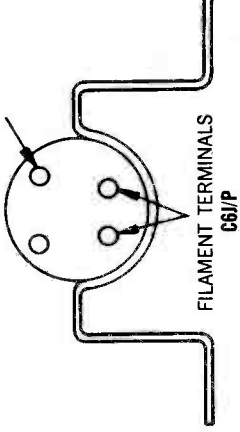
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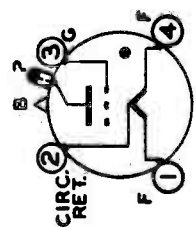
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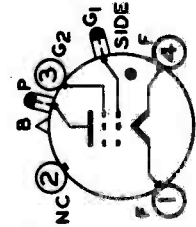
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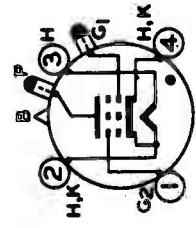
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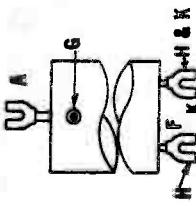
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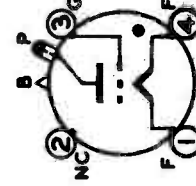
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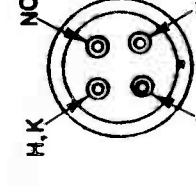
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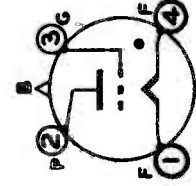
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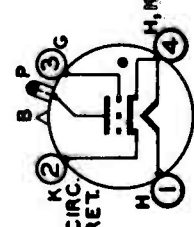
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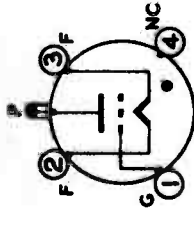
3N



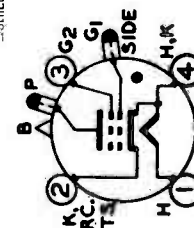
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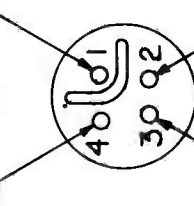
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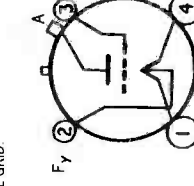
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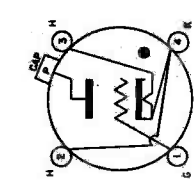
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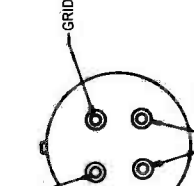
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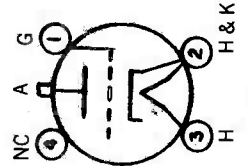
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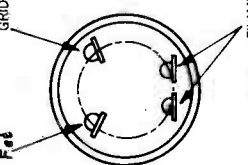
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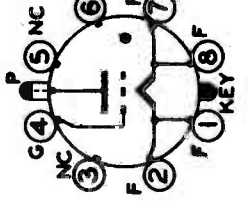
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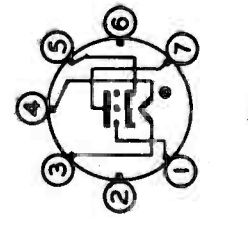
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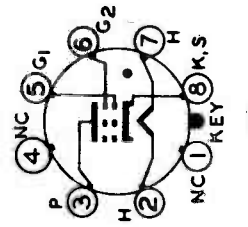
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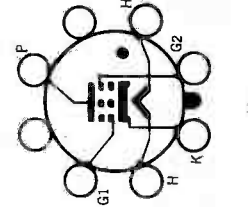
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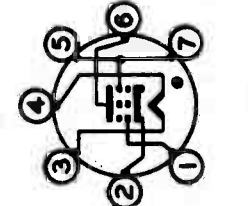
5AY



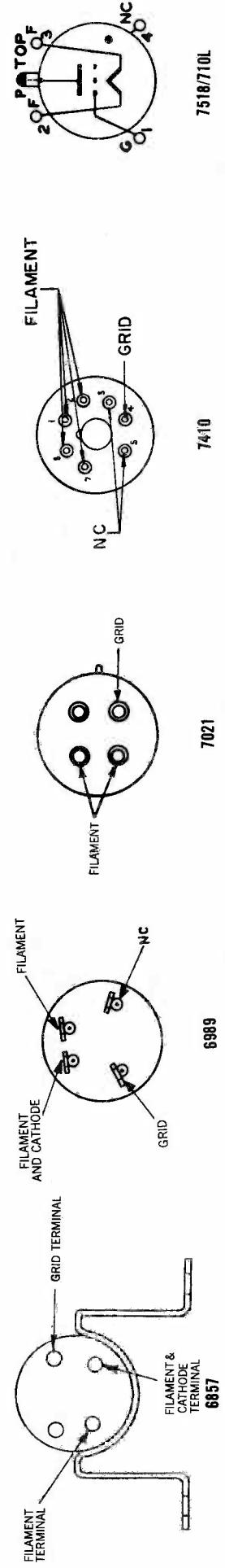
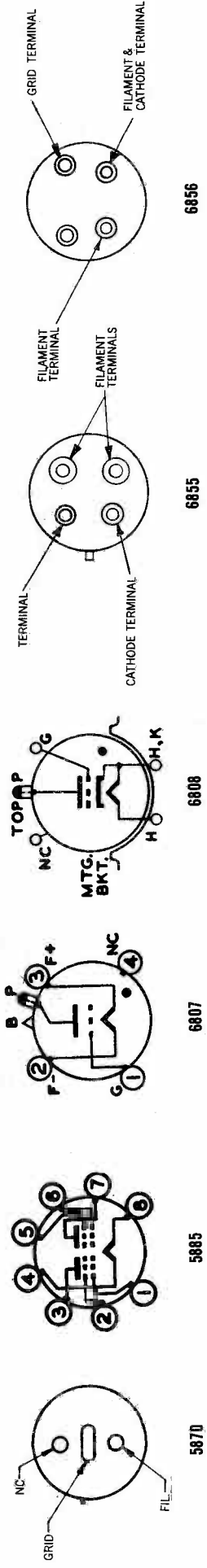
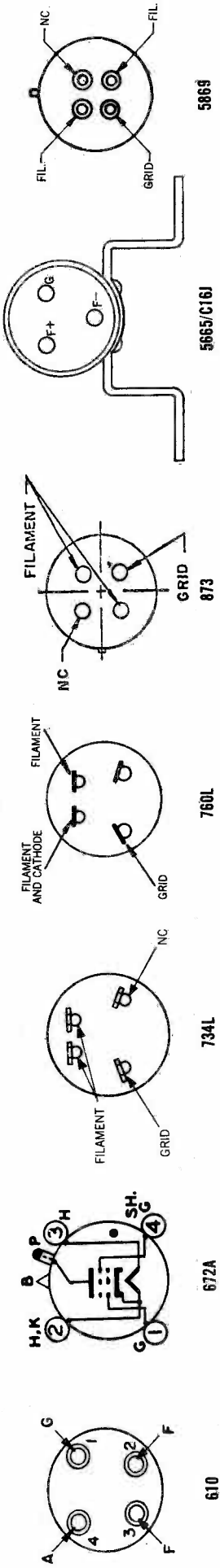
5BS



6C0



7BN



RECTIFIER TUBES



HIGH VACUUM RECTIFIER TUBES

Type	Description	Base	Dimensions In Inches		Cathode		Max. Anode Ratings			Typical Operation*			Net Wt. Oz.	
			Length	Diam.	Volts	Amps.	Peak Inverse Volts	Peak Amperes	Average Current Amperes	Peak Inverse Volts	A.C. Anode Volts	DC Output Volts		DC Output Current Amperes
2B22	UHF Lighthouse Type Diode	8-pin octal	1.312	1.312	6.3	0.75	300	0.7	0.02	150	100	50	0.005	1.1
3B24-W	High Voltage Diode HW	3B24-W	4.875	1.500	2.5 5.0	3.0 3.0	20,000 20,000	0.15 0.3	0.03 0.06	20,000 20,000	—	—	0.03 0.06	2.0
3B29	Clipper Diode and HW Rectifier	A-410	5.38 5.38	1.57 1.57	2.5 2.5	4.7 4.7	10,000 16,000	8.0 .25	.0018 .0065	—	—	—	—	2.5
102A/23102	Large Air-Cooled Diode HW	2B	16.563	5.125	20.0	19.0	75,000	.750	.120	—	—	—	—	2 lbs.
250R	Large Convection and (HW) Radiation-Cooled Diode	50-W jumbo 4-pin bayonet	10.13	3.82	5.0	10.5	60,000	2.5	.250	—	—	—	—	10.0
371B	High Vacuum Diode HW	A4-29	8.75	2.25	5.0	10.0	25,000	1.5	0.3	—	—	—	—	6.0
481B	High-Voltage Rectifier HW	4P	4.875	1.563	2.5	5.0	25,000	.150	.030	—	—	—	—	1.5
576A	High-Vacuum Diode HW	A4-81	7.75	2.312	5.0	14.0	25,000	2.5	0.500	25,000	—	—	—	5.5
577W	High-Vacuum Diode HW	A4-81	7.5	2.062	5.0	10.25	25,000	1.5	0.300	—	—	—	—	5.0
579B	High-Voltage Rectifier HW	2P	7.438	2.063	2.5	6.0	20,000	.270	.025	—	—	—	—	8.0
836	Half-Wave Air Cooled	2W	6.563	2.438	2.5	5.0	5,000	1.0	.250	—	—	—	—	2.5
5575/100/616	High-Voltage Rectifier HW	2B	25.0	6.125	20.0	24.0	150,000	1.0	—	—	—	—	—	3 lbs.
5576/200	Full-Wave Radiation Cooled	2B	25.25	6.125	20.0	32.0	150,000	2.5	—	—	—	—	—	3 lbs.
5934	High-Voltage HW	4P	6.625	2.063	2.5	6.0	20,000	0.270	0.025	20,000	28,000	—	—	5.0
8020W	High-Voltage HW	small 4-pin bayonet	8.0	2.312	5.0	6.0	40,000	0.6	0.1	40,000	—	—	0.1	3.0
8094/199	Large High-Vacuum Diode HW	2B	25.0	6.188	12.0	23.0	110,000	10.0	—	—	—	—	—	3 lbs.

Base drawings on pages 44 and 45.

INSTRUMENT DIODES



Type	Description	Peak Inverse Volts	DC Current (Amps.)	Plate Diss. (Watts)	Seal Temp. C°	Cathode	Heater Voltage*	Current (Amps.)	Cooling	Height In Inches	Diameter In Inches	Net Weight (In Oz.)
2-D1C	Instrument Diode	1000	0.001	0.1	175	Oxide	5.0	0.31 to 0.39	Convection	1.813	0.545	0.2

RECTIFIER TUBES



GENERAL ELECTRIC

GAS AND/OR MERCURY FILLED RECTIFIER TUBES

Type	Description	Base	Dimensions in Inches		Cathode		Max. Anode Rating—For 60 CPS Supply										Operating Conditions #			
			Length	Diam.	Volts	Amps.	Tube Voltage Drop	Temperature Range Condensed Mercury, °C	Peak Inverse Volts	Peak Amperes	Average Amperes	Fault Amperes	Peak Inverse Volts	Max. A.C. Plate-to-Plate Supply Volts	Approx. D.C. Output Volts to Filter	D.C. Output Amperes	Base Weight Ounces			
3B22	Xenon Filled Full-Wave Rectifier	UX 4-prong 4C	6	1.703	2.5	6.0	—	—55 to +75	725	4	1.0	60	—	—	—	—	—	2.5		
3B28	Xenon Filled Half-Wave Rectifier	Small 4-pin bayonet 4P	6	2.063	2.5	10.0	10	-75 to +90	5,000 10,000	2 1	0.5 0.25	20 20	—	—	3,400 7,000	1,550 3,200	1.0 0.5	3.0		
4B32	Inert Gas Filled Half-Wave Rectifier	4B32	7.5	2.313	5.0	7.5	10	-79 to +90	10,000	5.0	1.25	—	—	—	—	—	—	7.0		
RX21A	Mercury Filled HV Half-Wave Rectifier	A5-11 RX21A	8.0	2.063	2.5	101F	—	—	11,000	3	0.75	—	—	—	—	—	—	4		
FG-32	See 5558/FG-32																			
FG-104	See 5561/FG-104																			
FG-280	Mercury Filled Half-Wave Rectifier	Flexible leads	10.75	2.25	5.0	10.0	15	+40 to +80	1,000	40	6.4	200	—	—	1,400	645	12.8	22		
575-A	Mercury Filled Half-Wave Rectifier	Jumbo 4-pin bayonet 575-A	11.125	3.125	5.0	10.0	10	+20 to +50	15,000	10	2.5	100	—	—	10,600	4,800	5	12		
604/7014	Gas & Mercury Filled Full-Wave Rectifier	A-4-81 604	7.5	2.063	2.5	11.5	10	+18 to +28	900	10	2.5	150	—	—	—	—	—	5		
604L/7015	Gas & Mercury Filled Full-Wave Rectifier	A-4-90 604L	7.5	2.063	2.5	11.5	10	+18 to +28	900	10	2.5	150	—	—	—	—	—	5		
606/7016	Gas & Mercury Filled Full-Wave Rectifier	A-4-18 606	8.0	2.563	2.5	17	10	+30 to +40	900	25.6	6.4	360	—	—	—	—	—	8		
606L/7017	Gas & Mercury Filled Full-Wave Rectifier	A-4-18 606L	8.0	2.563	2.5	17	10	+30 to +40	900	25.6	6.4	360	—	—	—	—	—	8		
610/7723	Inert Gas Filled Half-Wave Rectifier	A-4-10 610	5.5	1.625	2.5	7 to 11	10	-55 to +75	920	2.5	2.5	300	—	—	—	—	—	3		
615/7018	Mercury Filled Half-Wave Rectifier	A-4-10 615	6.375	2.063	2.5	7	12	+35 to +80	2,000	2.5	2.5	250	—	—	—	—	—	4		
616	Gas & Mercury Filled Half-Wave Rectifier	A-4-10 616	6.25	1.625	2.5	9	—	—	1,250	30	2.5	—	—	—	—	—	—	6		
617	Mercury Filled Half-Wave Rectifier	Mogul Screw 617	8.25	2.063	2.0	11.5	—	—	1,000	20	5.0	—	—	—	—	—	—	6		
619	Mercury Filled Half-Wave Rectifier	619	7.0	2.063	2.0	11.5	—	—	300	20	6.0	—	—	—	—	—	—	6		
623	Mercury Filled Half-Wave Rectifier	Mogul Screw 623	8.75	3.813	2.5	20	—	—	500	45	15	—	—	—	—	—	—	6		
627	Mercury Filled Half-Wave Rectifier	Mogul Screw 4B7	12.0	3.813	2.5	26	—	—	1,000	120	20	—	—	—	—	—	—	8		
635/7019	Gas & Mercury Filled Half-Wave Rectifier	A-4-81 635	9.5	2.063	2.5	18	9	0 to +100	1,000	77	6.4	770	—	—	—	—	—	6		
635L/7020	Gas & Mercury Filled Half-Wave Rectifier	A-4-81 635L	9.5	2.063	2.5	18	9	0 to +100	1,000	77	6.4	770	—	—	—	—	—	6		
635P/6930	Gas & Mercury Filled Half-Wave Rectifier	Panel mtg. and lugs 2P	8.625	2.063	2.5	18	9	+35 to +100	1,000	77	6.4	770	—	—	—	—	—	6		
643	Mercury Filled Half-Wave Rectifier	Mogul Screw 643	10	2.563	2.5	23	—	—	700	90	15	—	—	—	—	—	—	9		

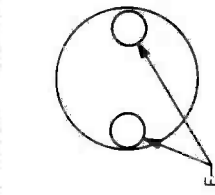
GAS AND/OR MERCURY FILLED RECTIFIER TUBES

Type	Description	Base	Dimensions in Inches		Cathode		Tube Voltage Drop	Temperature Range Mercury, °C	Peak Inverse Volts	Peak Amperes	Average Amperes	Fault Amperes	Peak Inverse Volts	Operating Conditions #			
			Length	Diam.	Volts	Amps.								Max. A.C. Plate-to-Plate Supply Volts	Approx. D.C. Output Volts to Filter	D.C. Output Amperes	Base Weight Ounces
649/5834	Mercury Filled Half-Wave Rectifier	A-4-10 649	5.438	1.563	2.5	7	9	+35 to +85	900	10	2.0	125					0.3 lbs.
653/5835	Mercury Filled Half-Wave Rectifier	A-4-10 653	5.75	2.063	2.5	9.5		+35 to +85	900	12	3.0	200					0.4 lbs.
660	Xenon Filled Half-Wave Rectifier	A-4-81 660	8.75	2.063	2.5	21			920	80	6.4						6
660L/7786	Xenon Filled Half-Wave Rectifier	A-4-90 660L	9.25	2.063	2.5	21	60	-55 to +75	920	80	6.4	770					6
660P	Xenon Filled Half-Wave Rectifier	Panel mtg. Flexible leads 660P	9.25	2.063	2.5	21			920	80	6.4						6
664L	Gas & Mercury Filled Half-Wave Rectifier	4AT	10.75	2.063	2.5	25.0			1,000	120	10						6
673	Mercury Filled Half-Wave Rectifier	Super-jumbo 4-pin bayonet 2P	11.438	3.125	Same as 575-A												12
816	Mercury Filled Half-Wave Rectifier	4P	4.563	1.563	2.5	2.0	15	+20 to +60	7,500	0.5	0.125	5					0.1 lb.
GL-857-B	Mercury Filled Half-Wave Rectifier	Special terminal connections 2FL	19.875	7.125	5.0	30.0	15	+30 to +40 +25 to +60	22,000 10,000	40 40	10 10	400 400	22,000 10,000	15,400 7,000	7,000 3,200	20 20	3.8 lbs.
866-A	Mercury Filled Half-Wave Rectifier	Small 4-pin bayonet 4P	6.563	2.438	2.5	5.0	15	+20 to +60	10,000	1	0.25	20	10,000	7,000	3,200	0.5	5.92
GL-859-B	Mercury Filled Half-Wave Rectifier	4-pin 2LP	14.438	5.125	5.0	19.0	15	+30 to +40	20,000	10	2.5	100	20,000	14,000	6,400	5	1.6 lbs.
872-A	Mercury Filled Half-Wave Rectifier	Jumbo 4-pin 4AT	8.50	2.313	5.0	7.5	10	+20 to +60 +20 to +70	10,000 5,000	5 5	1.25 1.25	50 50	10,000 5,000	7,000 3,400	3,200 1,550	2.5 2.5	7.5
5558/FG-32	Mercury Filled Half-Wave Rectifier	Small 4-pin bayonet 5558/FG-32	7	3	5.0	4.5	15	+30 to +60 +30 to +80	5,000 2,000	15 15	2.5 2.5	200 200	5,000 2,000	3,400 1,400	1,550 645	5 5	5
5561/FG-104	Mercury Filled Half-Wave Rectifier	Super-jumbo 4-pin bayonet 5561	11.25	3.812	5.0	10.0	15	+40 to +80 +25 to +50	3,000 10,000	40 16	6.4 4.0	400 160	3,000 —	2,000 —	910 —	12.8 —	16
6893	Mercury Filled Half-Wave Rectifier	Super-jumbo 4-pin 6893	12.0	2.844	5.0	11.5	12	+25 to +75	2,500	20	5.0	200					
6894	Mercury Filled HV Half-Wave Rectifier	6894	10.094	2.625	5.0	10.0	25	+13 to +18.5	20,000	8.3	1.8	100	20,000				9
6895	Mercury Filled HV Half-Wave Rectifier	6895	10.406	2.625	5.0	10.0	25	+13 to +18.5	20,000	8.3	1.8	100	20,000				9
7723-Ne	Xenon & Neon Filled Half-Wave Rectifier	A-4-10 7723	5.50	1.625	2.5	9.0	—	—	920	30.0	2.5	—					3
7786-Ne	Xenon & Neon Filled Half-Wave Rectifier	A-4-90 Lug	9.25	2.063	2.5	9.0	—	—	920	80.0	6.4	—					6
8008	Mercury Filled Half-Wave Rectifier	Super-jumbo 4-pin 2P	8.75	2.313	Same as 872-A												7.5

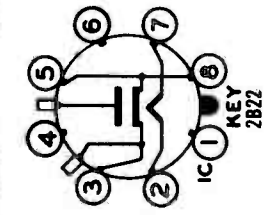
Base drawings on pages 44 and 45.

RECTIFIER TUBES

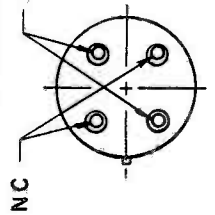
GENERAL ELECTRIC



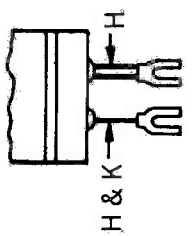
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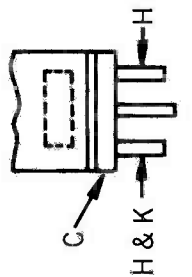
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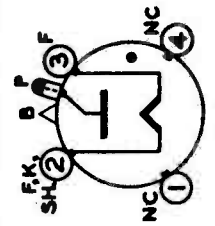
2C



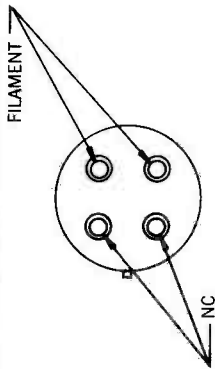
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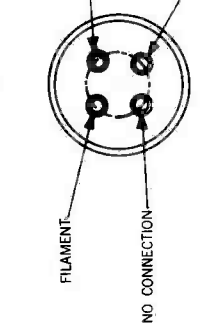
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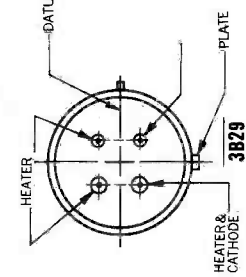
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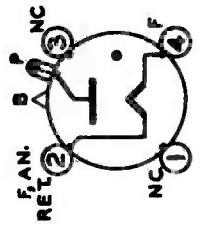
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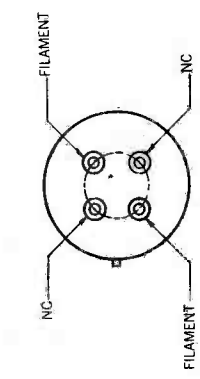
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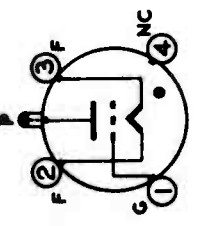
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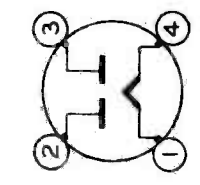
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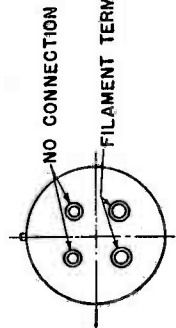
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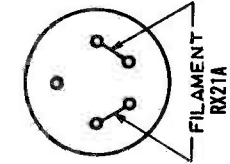
4BZ



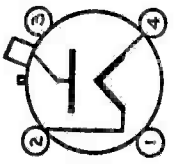
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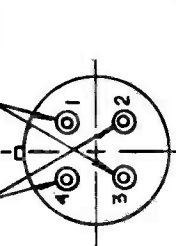
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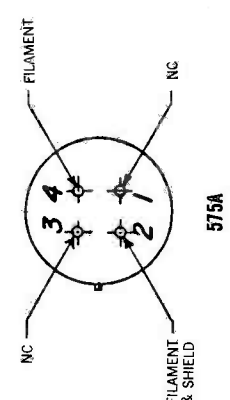
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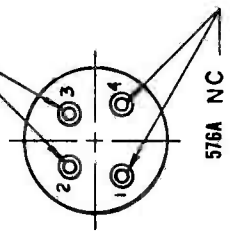
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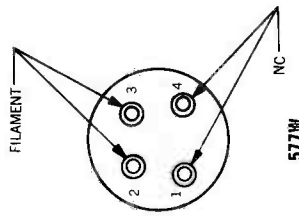
371B



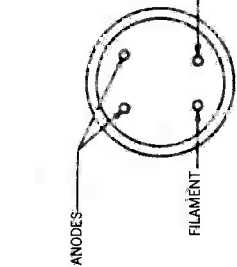
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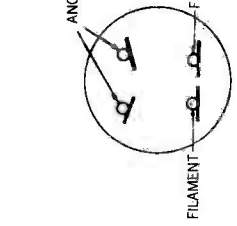
576A



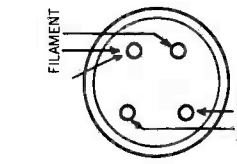
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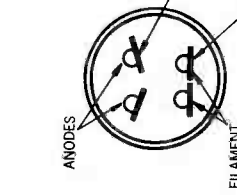
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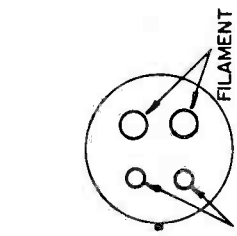
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606



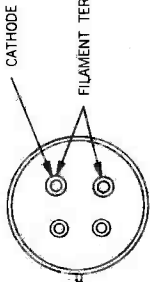
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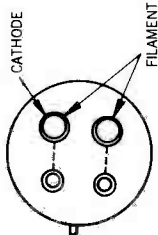
610

RECTIFIER TUBES

GENERAL ELECTRIC



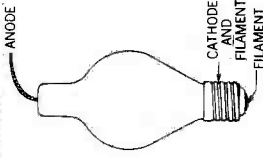
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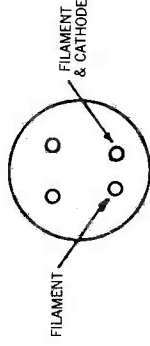
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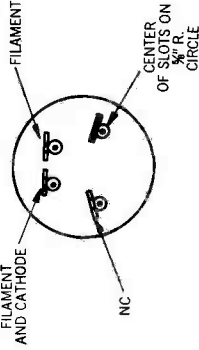
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623



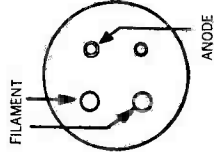
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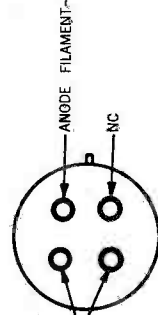
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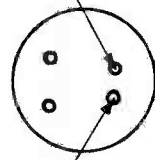
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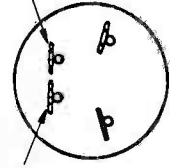
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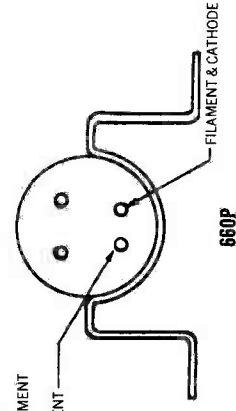
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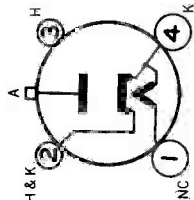
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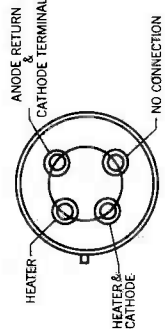
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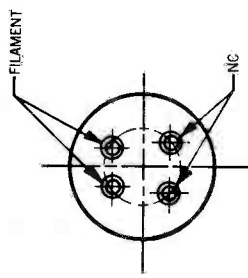
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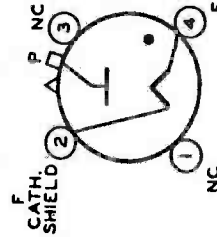
5558/FG-32



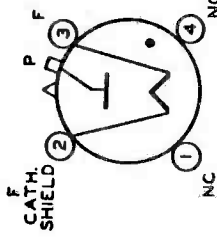
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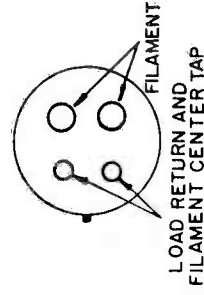
6693



6894



6895



7723



FREQUENCY-CHANGER WELDING CONTROL SERVICE

Type	Size	Mechanical Data		Mounting	Peak Inverse Voltage Volts	Maximum Peak Anode Current Amperes	Maximum Electrical Ratings*			Net Weight (lbs.)
		Maximum Dimensions (Inches) Rigid Length	Diameter				Corresponding Average Anode Current Amperes	Maximum Average Anode Current Amperes	Corresponding Peak Anode Current Amperes	
GL-5551A GL-5551A-PC	B	13	2 3/4	Conventional	1200 1500	600 480	5 4	22.5 18	135 108	3.6 3.6
GL-5553B GL-5553B-PC	D	19 1/2	5 1/2	Conventional	1200 1500	3000 2400	40 32	140 112	840 672	21 21
GL-5822A GL-5822A-PC	C	14 1/4	4 1/4	Conventional	1200 1500	1500 1200	20 16	70 56	420 336	8.2 8.2
GL-7669 GL-7669-PC	B	9 7/8	3 1/4	Coaxial	1200 1500	600 480	5 4	22.5 18	135 108	3.6 3.6
GL-7673 GL-7673-PC	D	19 1/2	5 1/2	Coaxial	1200 1500	3000 2400	40 32	140 112	840 672	21 21
GL-7681 GL-7681-PC	Jumbo C	17 1/2	4 1/4	Conventional	1200 1500	2250 1800	30 24	105 84	630 502	15 15
GL-7998 GL-7998-PC	Jumbo C	16	4	Coaxial	1200 1500	2250 1800	30 24	105 84	630 502	15 15

Warranty for all types listed above is H-12.

See footnotes on page 48.

PC Indicates plastic coated version.

* All ratings based on use of liquid cooling.

RESISTANCE WELDING CONTROL SERVICE

Type	Size	Mechanical Data		Mounting	Supply Volts RMS	Maximum Demand KVA	Maximum Electrical Ratings*			Net Weight (lbs.)
		Maximum Dimensions (Inches) Rigid Length	Diameter				Corresponding Average Anode Current Amperes	Maximum Average Anode Current Amperes	Corresponding Demand KVA	
GL-5550	A	9 1/8	2 3/4	Clamp	250-600	300	12.1	22.4	100	1.5
GL-5551A/GL-5551A-PC	B	13	2 3/4	Conventional	250-600	600	30.2	56	200	3.6
GL-5552A/GL-5552A-PC	C	14	4 1/4	Conventional	250-600	1200	75.6	140	400	8
GL-5553B/GL-5553B-PC	D	19 1/2	5 1/2	Conventional	250-600	2400	192	355	800	21
GL-5554 ²	—	17	4 1/2	Conventional	2400	1200	75	113	600	13.5
GL-5555 ²	—	17 1/8	5 1/4	Conventional	2400	2400	135	207	1105	25
GL-5564 ²	—	27 1/8	9 1/2	Special	2400	4800	270	414	2210	90
GL-6512 ²	Integral Thermostat Version of GL-5554. Same Ratings Apply.									
GL-6513 ²	Integral Thermostat Version of GL-5555. Same Ratings Apply.									
GL-6515 ²	Integral Thermostat Version of GL-5564. Same Ratings Apply.									
GL-7151	E	23 1/4	9 1/2	Special	250-600	4800 ¹	486	900	1600	70
GL-7669/GL-7669-PC	B	9 7/8	2 3/4	Coaxial	250-600	600	30.2	56	200	3.6
GL-7671/GL-7671-PC	C	11 7/8	4 1/4	Coaxial	250-600	1200	75.6	140	400	8
GL-7673/GL-7673-PC	D	19 1/2	5 1/2	Coaxial	250-600	2400	192	355	800	21

RESISTANCE WELDING CONTROL SERVICE

Type	Size	Mechanical Data		Mounting	Supply Volts RMS	Maximum Demand KVA	Maximum Electrical Ratings*			Corresponding Demand KVA	Net Weight (lbs.)
		Maximum Dimensions (Inches)					Corresponding Average Anode Current Amperes	Maximum Average Anode Current Amperes			
		Rigid Length	Diameter								
GL-7681/GL-7681-PC	Jumbo C	17½	4¼	Conventional	250-600	1800	135	220	600	15	
GL-7998/GL-7998-PC	Jumbo C	14¼	4	Coaxial	250-600	1800	135	220	600	15	
GL-8205	E	23	9¼	Coaxial	250-600	4800 ¹	486	900	1600	70	
GL-37285	D-6000	19½	5%	Conventional	250-600	3000	224	400	1000	21	

Warranty for all types listed above is H-12 except for those marked ².
 See footnote on page 48.
 PC indicates plastic coated version.
 *All ratings based on use of liquid cooling.

¹ Maximum demand current below 500 volts should not exceed 9600 amperes RMS.

² Have H-24 warranty. See footnote on page 48.

POWER RECTIFIER SERVICE

Type	Description	Mechanical Data			Maximum Electrical Ratings*				Warranty	Net Weight (lbs.)		
		Max. Dimensions (Inches)		Mounting	Peak Anode Voltage		Anode Current Amperes					
		Rigid Length	Diameter		Forward	Inverse	Peak	Average				
GL-5554	For continuous-duty power rectifier service at 100 amperes at 900 volts peak forward and inverse. Has auxiliary anode and two ignitors.	17	4¼	Conventional	900	900	2,100	2,100	900	100	H-24, G-12	13.5
GL-5555	For continuous-duty power rectifier service at 200 amperes at 900 volts peak forward and inverse. Has auxiliary anode and two ignitors.	17½	5¼	Conventional	900	900	2,100	2,100	1,800	200	H-24, G-12	25
GL-5564	For continuous-duty power rectifier service at 400 amperes at 900 volts peak forward and inverse. Has auxiliary anode and two ignitors.	27½	9¼	Special	750	750	2,100	2,100	3,600	400	H-24, G-12	90
GL-5530	For high voltage power-rectifier and inverter service. Also used as capacitor discharge or DC short-circuiting switch.	22¾	5¼	Conventional	20,000	20,000	2,100	2,100	200	50	G-12	23
GL-5788	Similar to GL-5555. Features reliable operation at higher water temperatures and phase-retard operation; has larger diameter ignitor terminals.	19¼	5¼	Conventional	2,100	2,100	20,000	20,000	1,200	150	H-24, G-12	25
GL-6228	For high voltage power-rectifier and inverter service. Also used in capacitor discharge and DC short-circuiting switch service.	42	9	Special	20,000	20,000	2,100	2,100	900	150	G-12	100
GL-6512	Integral thermostat version of GL-5554. Same ratings apply.										H-24, G-12	14
GL-6513	Integral thermostat version of GL-5555. Same ratings apply.										H-24, G-12	25
GL-6514	Integral thermostat version of GL-5788. Same ratings apply.										H-24, G-12	25
GL-6515	Integral thermostat version of GL-5564. Same ratings apply.										H-24, G-12	90
GL-7736	Similar to GL-5564. Features reliable operation at high voltage and with phase-retard operation.	27½	9¼	Special	900	900	2,100	2,100	3,600	400	G-12	90
GL-8465	For motor control service. Has auxiliary anode and two ignitors.	17½	5¼	Conventional	900	900	2,100	2,100	1,800	200	H-24, G-12	25
GL-8466	Integral thermostat version of GL-8465. Same ratings apply.										H-24, G-12	25

* All ratings are based on use of liquid cooling.

Warranty information on page 48.

IGNITRONS



GENERAL ELECTRIC

PULSE WELDING CONTROL SERVICE

Type	Mechanical Data		Maximum Electrical Ratings*						Net Weight (lbs.)			
	Size	Maximum Dimensions (Inches) Rigid Length	Mounting	Peak Inverse Voltage Volts	Initial Peak Inverse Voltage Volts	Peak Anode Current Amperes	Average Anode Current Amperes	Averaging Time Seconds		Anode Current Repetition Rate-Pulses Per Second	Anode Current Pulse Width Microseconds	
												Diameter
GL-7670	B	9 7/8	2 3/4	Coaxial	2500	1250	2000	10	2	60	1000	3.6
GL-7673	C	19 1/2	5 1/2	Coaxial	2500	1250	4000	20	2	60	1200	2.1
GL-8360	B	9 7/8	2 3/4	Coaxial	2500	1250	2000	10	2	60	1000	3.6

* All ratings based on use of liquid cooling.

Warranty for all types listed above is H-12. See footnotes below.

CAPACITOR DISCHARGE SERVICE

Type	Mechanical Data		Maximum Electrical Rates						Net Weight (lbs.)	
	Maximum Dimensions (Inches) Rigid Length	Mounting	Peak Anode Voltage Volts		Peak Anode Current Amperes	Typical Discharge Rate Pulses Per Minute	Ionization Time (Microseconds)	Cooling		
			Forward	Inverse						
GL-5630*	22 3/16	5 1/4	Conventional	35,000	35,000	20,000	2	0.8	Liquid	23
GL-6228*	42	9	Special	50,000	50,000	30,000	2	0.8	Liquid	100
GL-7171	8 3/4	2 5/8	Clamp	10,000	10,000	35,000	2	0.5	Air	2
GL-7703	7 1/2	2 1/4	Clamp	25,000	25,000	100,000	2	0.5	Air	2
GL-35391	7 1/2	2 1/2	Clamp	50,000	50,000	100,000	2	0.5	Air	2
GL-37207A	20	5 1/4	Conventional	25,000	25,000	300,000	4	0.5	Liquid or Air	20
GL-37248	7 1/2	2 1/4	Clamp	50,000	50,000	15,000	2	0.7	Air	2

For above types, warranty is normally K-1000; however, warranty information for specific applications will be supplied upon request. See footnotes below.

* Recommended only for very high repetition rates.

CONDENSED WARRANTY INFORMATION

G-12— (Rectifier service only). Warranted for full replacement within one year of service. Expires 18 months from date of sale to ultimate user or two years from date of shipment by GE.

H-24— Warranted for two years with prorated adjustment after 15 days of service. Expires 36 months from date of sale to ultimate user, 24 months from date of initial installation, or 3 1/2 years from date of shipment by GE.

H-12— Warranted for one year with prorated adjustment after 15 days of service. Expires 18 months from date of sale to ultimate user, 12 months from date of initial installation, or 2 years from date of shipment by GE.

K-1000— Warranted for 1000 operations or six months of service with prorated adjustment for the difference between elapsed number of operations and 1000. Expires nine months from date of sale to ultimate user, six months from date of initial installation, or twelve months from date of shipment by GE.

BROADCAST AND INDUSTRIAL VIDICONS

Type	Application	Base	Dimensions In Inches		Heater Current @ 6.3 V. Amperes	Amplitude Response @ 400 TV Lines Focus Coil Field Strength		Min. Sensitivity @ 1 ft-c Lumens In Micro-amperes	Typical Faceplate Illumination ft-c	Target Volts	Dark Current Micro-amperes	Net Weight Oz.
			Diameter	Length		@ 40 Gauss	@ 80 Gauss					
7038	Black & White	8HM	1.125	6.250	.600	29%	41%	0.15	0.5 to 10	+10 to +50	.01 to .2	2
7038V	Color Film	8HM	1.125	6.250	.600	50%	70%	0.15	0.5 to 10	+25	.01 to .02	2
7038V4	Color Film	8HM	1.125	6.250	.600	50%	70%	0.20	0.5 to 10	+25	.01 to .02	2
7226A	Live—Ruggedized	8HM	1.125	5.125	.150	30%	40%	0.20	0.5 to 10	+10 to +50	.01 to .2	2
7262A	Live—Ruggedized	8HM	1.125	5.125	.090	30%	40%	0.20	0.5 to 10	+10 to +50	.01 to .2	2
7263A	Ruggedized 7262A	8HM	1.125	5.125	.090	30%	40%	0.20	0.5 to 10	+10 to +50	.01 to .2	2
7735	Live	8HM	1.125	6.250	.600	29%	41%	0.15	0.5 to 10	+10 to +70	.01 to .2	2
7735A	Live	8HM	1.125	6.250	.600	29%	41%	0.15	0.5 to 10	+10 to +50	.01 to .2	2
7735B	Live	8HM	1.125	6.250	.600	29%	41%	0.22	0.5 to 10	+10 to +50	.01 to .2	2
7735BX	X-Ray	8ME	1.125	6.250	.600	30%	45%	0.22	0.1 to 10	+20 to +40	.02 to .2	2
77910	Live F/O's	8ME	1.125	6.250	.090	50%	70%	0.24	0.1 to 10	+20 to +40	.02 to .2	2
77910A	Live F/O's	8ME	1.125	6.250	.090	50%	70%	0.24	0.1 to 10	+20 to +40	.02 to .2	2
77912	Live—Ruggedized	8ME	1.125	5.120	.300	50%	70%	0.20	0.1 to 10	+20 to +40	.02 to .2	2
77933	Live—Ruggedized	8ME	1.125	6.250	.600	50%	70%	0.20	0.1 to 10	+20 to +40	.02 to .2	2
77971	Live	8ME	1.125	6.250	.600	50%	70%	0.20	0.1 to 10	+20 to +40	.02 to .2	2
77985	High Resolution Live	7985	1.190	7.500	.090	70%	80%	0.20	0.5 to 10	+20 to +40	.02 to .2	3
77998	Live	8ME	1.125	6.250	.600	50%	70%	0.20	0.1 to 10	+20 to +40	.02 to .2	2
8484	Live	8HM	1.125	6.250	.600	29%	41%	0.21	0.5 to 10	+10 to +50	.01 to .2	2
8484H	Live	8ME	1.125	6.250	.600	30%	45%	0.24	0.1 to 10	+20 to +35	.02 to .25	2
8507	Live	8HM	1.125	6.250	.600	50%	70%	0.15	0.5 to 10	+10 to +55	.01 to .2	2
8507A	Live	8HM	1.125	6.250	.600	50%	70%	0.20	0.5 to 10	+10 to +50	.01 to .2	2
8541	Live	8HM	1.125	6.250	.090	50%	70%	0.15	0.5 to 10	+10 to +55	.01 to .2	2
8541A	Live	8HM	1.125	6.250	.090	50%	70%	0.20	0.5 to 10	+10 to +50	.01 to .2	2
8541AX	X-Ray	8ME	1.125	6.250	.090	50%	70%	0.20	0.1 to 10	+20 to +40	.02 to .2	2
8572A	Live	8HM	1.125	6.250	.600	50%	70%	0.18	0.5 to 10	+10 to +50	.01 to .2	2
8572V	Color Film	8HM	1.125	6.250	.600	50%	70%	0.18	0.5 to 10	+25	.01 to .2	2
8572V4	Color Film	8HM	1.125	6.250	.600	50%	70%	0.22	0.5 to 10	+25	.01 to .02	2
8573A	Live	8HM	1.125	6.250	.090	50%	70%	0.20	0.5 to 10	+10 to +50	.01 to .2	2
8604	Live	8HM	1.125	6.250	.090	50%	70%	0.21	0.5 to 10	+10 to +50	.01 to .2	2

Base drawings on page 51.

VIDICONS

GENERAL ELECTRIC

SILICON TARGET VIDICONS

Type	Application	Base	Max. Dimensions In Inches		Heater Current @ 6.3 V.	Weight Oz.	Amplitude Response @ 400 TV Lines In a 40 Gauss Field	Sensitivity @ .25 Ft. Candle Faceplate Illumination	Target Voltage	Dark Current
			Diameter	Length						
4532	Low Light Level	EB-11	1.00	6.25	90	2	45%	600 NA	10	15 NA
4532A	Low Light Level	EB-11	1.00	6.25	90	2	45%	600 NA	10	15 NA
4532H	Reduced Blooming	EB-11	1.00	6.25	90	2	45%	600 NA	10	15 NA
4532A/H	Reduced Blooming	EB-11	1.00	6.25	90	2	45%	600 NA	10	15 NA
4804 Family	Very Low Light Level	EB-11	2.06	7.55	95	9	40%	100 NA*	10	15 NA
Z7975A	Low Light Level	EB-11	1.00	6.25	90	2	45%	600 NA	10	15 NA
Z7975 IND	Low Light Level	EB-11	1.00	6.25	90	2	45%	600 NA	10	15 NA
Z7975A, RB	Reduced Blooming	EB-11	1.00	6.25	90	2	45%	600 NA	10	15 NA
Z7975 IND, RB	Reduced Blooming	EB-11	1.00	6.25	90	2	45%	600 NA	10	15 NA

* Light Level 3 x 10⁻⁴ Ft. Candles

FPS—SILICON TARGET VIDICONS (Electrostatic Deflection Magnetic Focus)

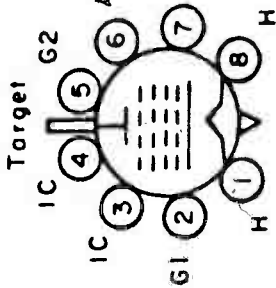
Type	Application	Base	Max. Dimensions In Inches		Heater Current @ 6.3 V.	Weight Oz.	Amplitude Response @ 400 TV Lines	Limiting Resolution In TV Lines	Sensitivity @ .25 Ft. Candle Faceplate Illumination
			Diameter	Length					
Z7801S	Ruggedized Low Light Level	Z7801S	1.125	5.075	90	2	50%	1,000	600 NA
Z7802S	Ruggedized Low Light Level	Z7802S	1.625	7.75	90	4	65%	1,600	600 NA
Z7803S	Ruggedized Low Light Level	E11-22	1.625	7.75	90	2	50%	1,000	600 NA
Z7960AS	Ruggedized Low Light Level	—	.825	3.100	90	1	20%	600	150 NA
Z7963S	Potted	—	.900	3.100	90	2	20%	600	150 NA

FPS—ANTIMONY TRISULFIDE VIDICONS (Electrostatic Deflection Magnetic Focus)

Type	Application	Base	Max. Dimensions In Inches		Heater Current @ 6.3 V.	Weight Oz.	Amplitude Response @ 400 TV Lines	Limiting Resolution In TV Lines	Sensitivity @ 1 Ft. Candle Faceplate Illumination
			Diameter	Length					
Z7801	Ruggedized High Resolution	Z7801	1.125	5.075	90	2	75%	1,600	200 NA
Z7802	Ruggedized High Resolution	Z7802	1.625	7.75	90	4	80%	2,800	200 NA
Z7803	Ruggedized High Resolution	E11-22	1.125	4.125	90	2	75%	1,800	200 NA
Z7960A	Ruggedized High Resolution	—	.825	3.100	90	1	50%	1,000	120 NA
Z7960 IND	Industrial	—	.825	3.100	90	1	50%	1,000	120 NA
Z7969A	Potted	—	.900	3.100	90	2	50%	1,000	120 NA

VIDICONS

GENERAL ELECTRIC



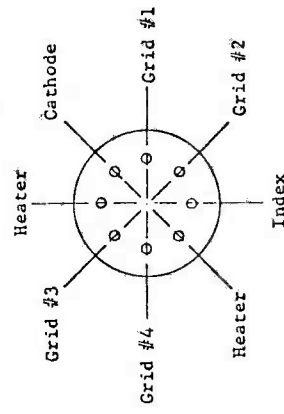
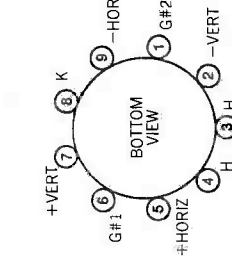
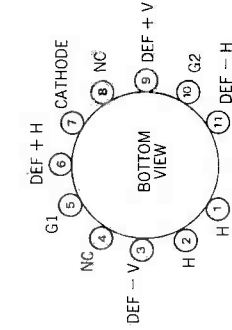
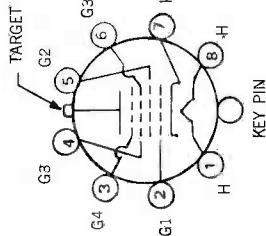
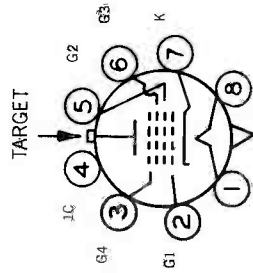
8HM

8ME

EB11

E11-22

Z-7801, Z-7802
Z-7801S, Z-7802S



Index
Pin
7985

PHOTOTUBES

GENERAL ELECTRIC

VACUUM PHOTOTUBES

Type	Description	Base	Dimensions Inches		Spectral Response	Luminous Sensitivity (2856K) A/lm	Max. Anode Dark Current At 22°C A	Net Weight (In Ozs.)
			L	W				
1P39	Side-on type	3J	3.063	1.281	S-4	52	0.005	
917	Side-on type	917	4.438	1.063	S-1	20	0.005	
919	Side-on type	919	4.438	1.063	S-1	20	0.005	1.3
922	Side-on cartridge type	922	1.718	0.890	S-1	20	0.005	
929	Side-on type	3J	3.063	1.281	S-4	52	0.0125	
931A*	Multiplier Side-on type	7IK	3.688	1.31	S-4			
934	Side-on type	934	2.406	0.669	S-4			
935	Side-on type	935	4.25	1.281	S-5	35	0.0005	
2022	Side-on type	3J	2.625	1.281	S-1	20	0.125	
5653	Side-on type	3J	3.063	1.313	S-4	45	0.25	
6570	Side-on type	6570	4.313	1.063	S-1	30	0.013	

* See Multiplier Phototubes

Base drawings on pages 52 and 53.

PHOTOTUBES



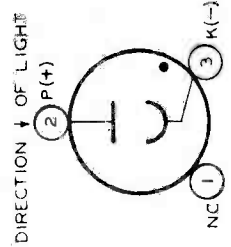
GAS PHOTOTUBES

Type	Description	Base	Spectral Response	Luminous Sensitivity (2856K) A/lm	Max. Gas Dark Current Factor	Dimensions In Inches		Net Weight (In Ozs.)
						L	W	
1P37	Side-on type	2K	S-4	135	5.5	4.125	1.125	—
1P40	Side-on type	3K	S-1	135	10.0	3.063	1.281	—
868	Side-on type	2K	S-1	90	0.1	4.125	1.188	1.0
918	Side-on type	2K	S-1	150	10.5	4.125	1.125	—
921	Side-on cartridge type	921	S-1	135	10.0	1.718	0.890	—
923	Side-on type	2K	S-1	135	0.1	3.563	1.188	1.0
927	Side-on type	2F	S-1	125	10.0	2.406	0.669	—
930	Side-on type	3K	S-1	135	10.0	3.063	1.281	—
4409	Side-on type	3J	S-4	75-180	.005	3.063	1.188	1.0
5581	Side-on type	3K	S-4	135	5.5	3.063	1.281	—
5582	Side-on cartridge type	921	S-4	120	5.5	1.718	0.890	—
5583	Side-on type	2F	S-4	135	5.5	2.406	0.669	—
6953	Side-on type	6953	S-1	200	10.0	3.188	1.281	—

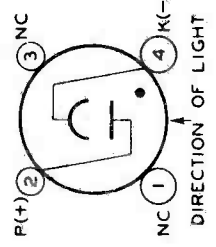
MULTIPLIER PHOTOTUBES

Type	Base	Overall Length In Inches	Diameter In Inches	Spectral Response	Anode Dark At Current MA	Luminous Sensitivity A/lm
931A	11-K	3.688	1.31	S-4	5	20

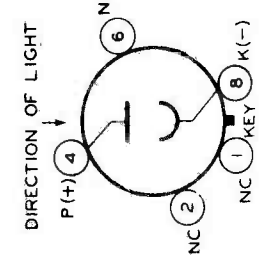
Characteristics At 22° C.



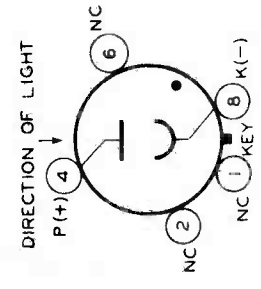
2F



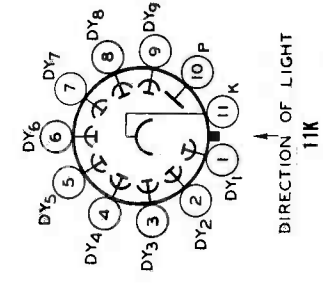
2K



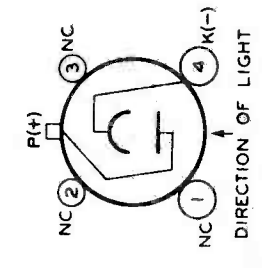
3J



3K



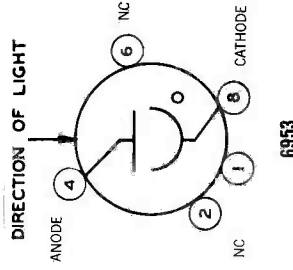
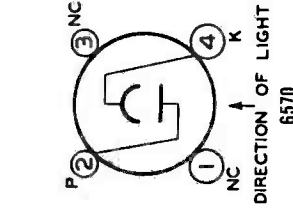
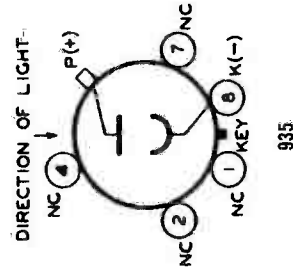
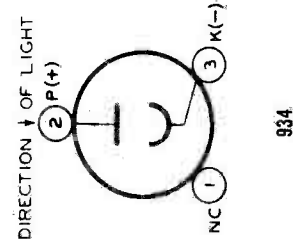
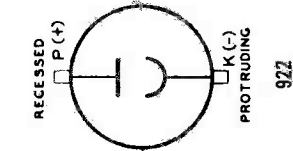
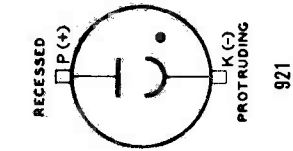
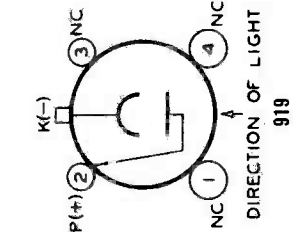
11K



917

PHOTOTUBES

GENERAL ELECTRIC



REED SWITCHES

GENERAL ELECTRIC

(1)	Basic Type No.	Notes	PHYSICAL CHARACTERISTICS				ELECTRICAL PARAMETERS				Individual Specification Sheet "TPD" No.					
			Dimensions—Inches		Contact Material	Initial Characteristics		Contact Ratings								
			Glass Length Maximum (See "A," Page 55)	Glass Diameter Maximum (See "B," Page 55)		Over-All Length—Nom (See "C," Page 55)	Resonant Frequency—Hz Minimum	Full Range Available (3)	Normally Stocked In Ranges Of Pull-In A.I.	Typical Drop-Out % of Pull-In		Contact Res. Max. (4)	Breakdown Voltage—VDC, Min.	Insulation Resistance—Megohms—Min.	DC Resistive Load—Max. Watts	Current—Max. Amps
SUBMINIATURE																
DR361			0.600	0.110	1.800	RH	10-50	10	30-75	150	300	10 ⁴	10	0.5	200	
MINIATURE																
DR401			0.840	0.110	2.530	RH	10-60	10	30-70	150	300	10 ⁴	10	0.5	200	TPD-6429
DR441			0.840	0.110	2.530	RH	10-60	10	30-70	150	500	10 ⁴	10	0.5	200	TPD-6430
DR442	(5)		0.840	0.110	2.510	RH	20-50	10	65-95	200	400	10 ⁴	10	0.5	200	TPD-6431
INTERMEDIATE																
DR540			1.200	0.173	1.750	AU-AG ALLOY	15-70	10	30-70	100	600	10 ⁴	10	0.5	250	TPD-6432
DR541			1.200	0.173	1.750	RH	15-70	10	30-80	150	600	10 ⁴	15	1.0	250	TPD-6433
DR542	(5)		1.200	0.173	1.735	RH	25-50	10	50-90	200	500	10 ⁴	10	0.5	250	TPD-6434
STANDARD 2"																
DR600			2.100	0.215	3.200	DIFFE AU	20-130	20	25-55	50	400	10 ⁵	15	1.0	250	TPD-6435
DR601			2.100	0.215	3.200	RH	20-130	20	30-70	50	400	10 ⁵	50	3.0	250	TPD-6436
DR602	(5)		2.100	0.215	3.190	RH	60-130	20	>50	150	300	10 ⁵	15	1.0	250	TPD-6437
DR603	(6)		2.100	0.215	3.215	W ALLOY	70-150	30	45-75	100	500	10 ⁵	100	3.0	250	TPD-6438

REED SWITCHES



GENERAL ELECTRIC

(1)	PHYSICAL CHARACTERISTICS				ELECTRICAL PARAMETERS						Notes	Basic Type No.	Individual Specification Sheet "TPD" No.	
	Dimensions—Inches		Over-All Length—Nom. (See "C," Page 55)	Contact Material	Resonant Frequency—Hz Single Reed—Minimum	Initial Characteristics			Contact Ratings					
	Glass Length Maximum (See "A," Page 55)	Glass Diameter Maximum (See "B," Page 55)				(2)	Drop-Out % of Pull-In	Contact Res. Millions—Max.	Breakdown Voltage—VDC, Min. (4)	Insulation Resistance—Megohms—Min.				DC Resistive Load—Max. Watts
HIGH-VOLTAGE 2"														
DR680	2.100	0.215	3.235	W ALLOY	700	30	30-70	80	7KV	10 ⁵	50	2.0	5KV	TPD-6439
DR681	2.100	0.215	3.235	W ALLOY	700	30	30-70	80	10KV	10 ⁵	50	2.0	7.5 KV	TPD-6440
DR682	2.100	0.215	3.235	W ALLOY	700	30	30-70	80	15KV	10 ⁵	50	2.0	10 KV	TPD-6441
DR683	2.100	0.215	3.235	W ALLOY	700	30	30-70	80	3KV	10 ⁵	50	2.0	2.5 KV	TPD-6442

NOTES:

- (1) All GE Reed Switches are Form A (SPST-NO), center-gap designs.
- (2) The overall length dimensions shown above are the as-manufactured lengths. When necessary, leads may be trimmed to result in the following minimum overall lengths:
 DR300, DR400, DR500 series: Glass Length +0.250"
 DR600, DR680 series: Glass Length +2.375"
 The effect on sensitivity (pull-in, drop-out) must be considered when trimming leads.
- (3) Standard Test Coils:
 DR300, DR400 series: 10 K turns No. 48 wire on bobbin 0.75" long x 0.17" o.d.
 DR500 series: 10 K turns No. 41 wire on bobbin 1.00" long x 0.30" o.d.
 DR600 series: 10 K turns No. 39 wire on bobbin 2.00" long x 0.30" o.d.
 DR680 series: 10 K turns No. 38 wire on bobbin 1.125" long x 0.30" o.d.
- (4) Breakdown voltage varies with pull-in. Typical voltages at the center of the available pull-in range are 150-200% of the values shown (except for high-voltage types).
- (5) A close-differential design, where drop-out is typically 75-85% of pull-in. Ratio depends upon pull-in range.
- (6) Tungsten contacts for greater capability to withstand arcing and high inrush currents.

FOR ADDITIONAL SPECIFICATIONS, CONSULT INDIVIDUAL SPECIFICATION SHEETS.

GE NICKEL-CADMIUM BATTERIES, CHARGERS & SNAP-ON MODULES

GENERAL ELECTRIC

Model No.	Description	Model No.	Description
BC1	Maxi Charger—4 Position	M919	Rechargeable Battery for 9 Volt Applications with Charging Module (Snaps on BC3 Charger (Single Pack))
BC3	Miniature Charger	CRT	AA OEM Calculator Replacement Rechargeable Battery with Tabs (Bulk)
GC1	AA Rechargeable Battery (Bulk)	AA1000	AA Rechargeable Industrial Battery (Bulk)
GC2	C Rechargeable Battery (Bulk)	C1000	C Rechargeable Industrial Battery (Bulk)
GC3	D Rechargeable Battery (Bulk)	D1000	D Rechargeable Industrial Battery (Bulk)
GC9B	Rechargeable Battery for 9 Volt Applications (Single Pack)	HD1000	Heavy Duty D Rechargeable Industrial Battery (Bulk)
MA21	AA Module for BC3 Charger with Two AA Rechargeable Batteries	BC48C	48 Position Charger for C1000 Batteries
MC22	C Module for BC3 Charger with Two C Rechargeable Batteries	BC48D	48 Position Charger for D1000 Batteries
MD23	D Module for BC3 Charger with Two D Rechargeable Batteries	BC48HD	48 Position Charger for HD1000 Batteries

RECHARGEABLE BATTERY SETS

GENERAL ELECTRIC

Model No.	Description	Model No.	Description
RSAA	Miniature Charger and Module with Two AA Batteries	RSD	Miniature Charger and Module with Two D Batteries
RSC	Miniature Charger and Module with Two C Batteries	RS9	Miniature Charger and Module with Battery for 9 Volt Applications

Type to be Replaced	Tube Class	EE Replacement Type	Type to be Replaced	Tube Class	EE Replacement Type	Type to be Replaced	Tube Class	EE Replacement Type	Type to be Replaced	Tube Class	EE Replacement Type
C3/J/5684	THYR	5684-NE	C-1108	TRANS	4D21/4-125A	CE-393A	THYR	393A	CV592	IR	6S17
C3/L	THYR	C3/J/L	C-1136	TRANS	4-400A/8438	CE-866A	RECT	866A	CV594	IR	6SH7
C4H-1	THYR	740P/6856	C7106	PHOTO	1P37	CE-869B	RECT	869B	CV595	IR	6SH7
C4H-2	THYR	740P/6857	C74019	VID	7735	CE872A	RECT	872A	CV618	IR	83
C4J	THYR	740P/6856	C74019	IR	6922/E88CC	CE-8008	RECT	8008	CV627	TRANS	810
C4J2	THYR	740P/6857	CC81E	IR	6201	CEB-25A/B	PHOTO	927	CV628	TRANS	811A
C4S/F	THYR	740P/6857	CE1C	PHOTO	918	CEB-25C	PHOTO	927	CV632	TRANS	829B
C6H-1	THYR	6807	CE1D	PHOTO	888	CEB-25D	PHOTO	927	CV635	TRANS	833A
C6H-2	THYR	6808	CE-3C23	THYR	3C23	CH-2021	IR & THYR	2021	CV642	RECT	872A
C6H-3	THYR	6809	CE4D	PHOTO	1P40	CH-3B28	RECT	3B28	CV644	RECT	575A
C6J	THYR	C6J	CE11V	PHOTO	917	CK-571AX	IR	5886	CV660	IR	6AC7
C6J	THYR	C6J/K/5685	CE-20	PHOTO	927	CK612	IR	6AN5	CV661	IR	6AC7
C6J	THYR	6807	CE-25A	PHOTO	927	6858/760	THYR	760	CV685	IR	0D3/VR150
C6J/A	THYR	C6J/K-NE	CE-25A/B	PHOTO	927	CK-1090	IR	5823	CV686	IR	0C3/VR105
C6J/A	THYR	C6J/K/5685	CE-25B	PHOTO	927	CK5654	IR	5654/6AK5W	CV-688	PT	2C43
C6J/F	THYR	6808	CE-25C	PHOTO	927	CK5751	IR	5751	CV691	RECT	575A
C6J/F	THYR	C6J/P/6860	CE-25D	PHOTO	927	CK5783	IR	5651	CV694	IR	12S07
C6J/K	THYR	C6J/K/5685	CE29	PHOTO	1P39	CK5814	IR	5814A	CV698	IR	12S17
C6J/K	THYR	6807	CE-30	PHOTO	1P40	CK5814A	IR	5814A	CV706	IR	6K7
C6J/K-NE	THYR	C6J/K-NE	CE-30A	PHOTO	930	CK5886	IR	5886	CV717	IR	5R4GA
C6J/K/5685	THYR	C6J/K/5685	CE-30B	PHOTO	930	CL-6C/L	RECT	660L/7786	CV717	IR	5R4GB
C6J/KF	THYR	6808	CE-30C	PHOTO	930	CR-27	RECT	866A	CV724	RECT	816
C6J/KL	THYR	6809	CE-30D	PHOTO	930	CR-273	RECT	8008	CV747	IR	6AC7
C6J/KL	THYR	6989/C6J/KL	CE-30Q	THYR	5557/FG17/715	CR-273/8008	RECT	8008	CV752	IR	0A4G
C6J/KP	THYR	C6J/KP	CE31V	PHOTO	919	CR-274	RECT	872A	CV788	TRANS	832A
C6J/KP	THYR	6808	CE31VD	PHOTO	919	CR-274/872A	RECT	872A	CV-789	TRANS	3C24
C6J/L	THYR	C6J/L/7321	CE-36D	PHOTO	927	CR-275	RECT	3B28	CV797	THYR & IR	5727
C6J/L	THYR	6809	CE60	PHOTO	917	CT1-2500	THYR	5559/FG57	CV797	IR & THYR	2D21
C6J/L/7321	THYR	C6J/L/7321	CE91R	PHOTO	1P37	CV26	TRANS	813	CV846	IR	6AC7
C6J/P	THYR	C6J/P/6860	CE-203	RECT	623	CV-32	RECT	866A	CV849	IR	6AC7
C6J/P/6860	THYR	C6J/P/6860	CE-205	RECT	617	CV124	IR	807	CV850	IR	5654/6AK5W
C6J/5C21	THYR	C6J	CE-206	RECT	619	CV143	TRANS	813	CV866	IR	6S17
C6J/5C21	THYR	6807	CE-207	RECT	627	CV144	TRANS	829B	CV916	IR	12H6
C6J/A	THYR	6807	CE215	RECT	623	CV177	TRANS	813	CV923	IR	12S17
C6J/A/5685	THYR	C6J/K/5685	CE221	RECT	606/7016	CV216	VR	0D3A	CV932	PT	2C40A
C6J/A/5685	THYR	6807	CE-222	RECT	3B22	CV216	IR	0D3/VR150	CV939	IR	5824
C16J	THYR	5665/C16J	CE224	RECT	604/7014	CV424	TRANS	5894/5894A	CV1060	IR	807
C16J/5665	THYR	5665/C16J	CE-232	RECT	5558/FG32	CV449	IR	5651	CV1067	IR	615
C143	TRANS	813	CE232	RECT	5558/FG-32	CV491	IR	6189/12AU7WA	CV1074	IR	615
C144	TRANS	829B	CE-245	RECT	606/7016	CV537	IR	12S47	CV1088	TRANS	832A
C180	TRANS	832A	CE-306	THYR	C6J/K/5685	CV538	IR	12S47	CV1144	THYR	5557/FG17/715
C200	TRANS	HF200/HV18/7200	CE306	THYR	C6J	CV543	IR	12S47	CV1144	IR	6K7
C300	TRANS	HF300/KU23/7300	CE-306	THYR	C6J/K-NE	CV544	IR	12S47	CV1195	IR	6W7
C805	TRANS	805	CE-306	THYR	6807	CV546	IR	12S07	CV1285	IR	6AG7
C830B	TRANS	830-B	CE308	THYR	C6J	CV547	IR	12S07	CV1364	IR	807
C-833	TRANS	833A	CE-308	THYR	6807	CV581	IR	6C5	CV1374	IR	807
C845	TRANS	845	CE-309	THYR	5557/FG17/715	CV582	IR	6C5	CV1449	RECT	872A
C866	RECT	866A	CE-311	THYR	3C23	CV583	IR	6C5	CV1572	IR	807
C-866A	RECT	866A	CE-320	THYR	710/6011	CV590	IR	6S17	CV1784	IR	6AG7
C872A	RECT	872A	CE-320A	THYR	710/6011	CV591	IR	6S17	CV1832	IR	0A2
									CV1833	IR	0B2

Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
CV1835	RECT	3B28	CV2523	IR	6AS7GA	CV3789	TRANS	5842/417A	CV5895	IR	5750/6BE6W	CV1852	IR	0A2	CV2565	THYR	2050A/2050	CV3798	IR	0A3	CV5896	IR	6136	CV1873	IR	6AC7	CV2573	IR	5651	CV3799	IR	0B3	CV8065	IR	6922/E88CC	CV1882	IR	6AG7	CV2575	IR	5670	CV3815	RECT	3B22	CV8073	IR	6072A	CV1908	IR	6F5	CV2578	IR	5687, WA, WB	CV3880	TRANS	4-1000A/8166	CV8158	IR & THYR	2D21	CV1909	IR	6F5	CV2638	THYR	393A	CV3900	IR	5963	CV8161	IR	0A2	CV1910	IR	6F5	CV2642	TRANS	5842/417A	CV3905	TRANS	5847/404A	CV8162	IR	0B2	CV1911	IR	6F6	CV2643	PT	2C40A	CV3908	IR	6661/6BH6	CV8189	IR	5R4GA	CV1912	IR	6F6	CV2650	TRANS	12AY7	CV3930	IR	5718	CV8204	IR	5R4GA	CV1929	IR	6H6	CV2661	TRANS	812A	CV3942	IR	5692	CV8205	IR	6D4	CV1931	IR	6H6	CV2666	TRANS	829B	CV3974	IR	6AS7GA	CV8206	IR	5763	CV1932	IR	6I5	CV2679	RECT	816	CV3990	IR	2E26	CV8209	IR	6AS6	CV1933	IR	6I5	CV2685	TRANS	880/5658	CV3998	IR	6688	CV8211	IR	6AN5	CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B
CV1852	IR	0A2	CV2565	THYR	2050A/2050	CV3798	IR	0A3	CV5896	IR	6136	CV1873	IR	6AC7	CV2573	IR	5651	CV3799	IR	0B3	CV8065	IR	6922/E88CC	CV1882	IR	6AG7	CV2575	IR	5670	CV3815	RECT	3B22	CV8073	IR	6072A	CV1908	IR	6F5	CV2578	IR	5687, WA, WB	CV3880	TRANS	4-1000A/8166	CV8158	IR & THYR	2D21	CV1909	IR	6F5	CV2638	THYR	393A	CV3900	IR	5963	CV8161	IR	0A2	CV1910	IR	6F5	CV2642	TRANS	5842/417A	CV3905	TRANS	5847/404A	CV8162	IR	0B2	CV1911	IR	6F6	CV2643	PT	2C40A	CV3908	IR	6661/6BH6	CV8189	IR	5R4GA	CV1912	IR	6F6	CV2650	TRANS	12AY7	CV3930	IR	5718	CV8204	IR	5R4GA	CV1929	IR	6H6	CV2661	TRANS	812A	CV3942	IR	5692	CV8205	IR	6D4	CV1931	IR	6H6	CV2666	TRANS	829B	CV3974	IR	6AS7GA	CV8206	IR	5763	CV1932	IR	6I5	CV2679	RECT	816	CV3990	IR	2E26	CV8209	IR	6AS6	CV1933	IR	6I5	CV2685	TRANS	880/5658	CV3998	IR	6688	CV8211	IR	6AN5	CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B												
CV1873	IR	6AC7	CV2573	IR	5651	CV3799	IR	0B3	CV8065	IR	6922/E88CC	CV1882	IR	6AG7	CV2575	IR	5670	CV3815	RECT	3B22	CV8073	IR	6072A	CV1908	IR	6F5	CV2578	IR	5687, WA, WB	CV3880	TRANS	4-1000A/8166	CV8158	IR & THYR	2D21	CV1909	IR	6F5	CV2638	THYR	393A	CV3900	IR	5963	CV8161	IR	0A2	CV1910	IR	6F5	CV2642	TRANS	5842/417A	CV3905	TRANS	5847/404A	CV8162	IR	0B2	CV1911	IR	6F6	CV2643	PT	2C40A	CV3908	IR	6661/6BH6	CV8189	IR	5R4GA	CV1912	IR	6F6	CV2650	TRANS	12AY7	CV3930	IR	5718	CV8204	IR	5R4GA	CV1929	IR	6H6	CV2661	TRANS	812A	CV3942	IR	5692	CV8205	IR	6D4	CV1931	IR	6H6	CV2666	TRANS	829B	CV3974	IR	6AS7GA	CV8206	IR	5763	CV1932	IR	6I5	CV2679	RECT	816	CV3990	IR	2E26	CV8209	IR	6AS6	CV1933	IR	6I5	CV2685	TRANS	880/5658	CV3998	IR	6688	CV8211	IR	6AN5	CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																								
CV1882	IR	6AG7	CV2575	IR	5670	CV3815	RECT	3B22	CV8073	IR	6072A	CV1908	IR	6F5	CV2578	IR	5687, WA, WB	CV3880	TRANS	4-1000A/8166	CV8158	IR & THYR	2D21	CV1909	IR	6F5	CV2638	THYR	393A	CV3900	IR	5963	CV8161	IR	0A2	CV1910	IR	6F5	CV2642	TRANS	5842/417A	CV3905	TRANS	5847/404A	CV8162	IR	0B2	CV1911	IR	6F6	CV2643	PT	2C40A	CV3908	IR	6661/6BH6	CV8189	IR	5R4GA	CV1912	IR	6F6	CV2650	TRANS	12AY7	CV3930	IR	5718	CV8204	IR	5R4GA	CV1929	IR	6H6	CV2661	TRANS	812A	CV3942	IR	5692	CV8205	IR	6D4	CV1931	IR	6H6	CV2666	TRANS	829B	CV3974	IR	6AS7GA	CV8206	IR	5763	CV1932	IR	6I5	CV2679	RECT	816	CV3990	IR	2E26	CV8209	IR	6AS6	CV1933	IR	6I5	CV2685	TRANS	880/5658	CV3998	IR	6688	CV8211	IR	6AN5	CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																				
CV1908	IR	6F5	CV2578	IR	5687, WA, WB	CV3880	TRANS	4-1000A/8166	CV8158	IR & THYR	2D21	CV1909	IR	6F5	CV2638	THYR	393A	CV3900	IR	5963	CV8161	IR	0A2	CV1910	IR	6F5	CV2642	TRANS	5842/417A	CV3905	TRANS	5847/404A	CV8162	IR	0B2	CV1911	IR	6F6	CV2643	PT	2C40A	CV3908	IR	6661/6BH6	CV8189	IR	5R4GA	CV1912	IR	6F6	CV2650	TRANS	12AY7	CV3930	IR	5718	CV8204	IR	5R4GA	CV1929	IR	6H6	CV2661	TRANS	812A	CV3942	IR	5692	CV8205	IR	6D4	CV1931	IR	6H6	CV2666	TRANS	829B	CV3974	IR	6AS7GA	CV8206	IR	5763	CV1932	IR	6I5	CV2679	RECT	816	CV3990	IR	2E26	CV8209	IR	6AS6	CV1933	IR	6I5	CV2685	TRANS	880/5658	CV3998	IR	6688	CV8211	IR	6AN5	CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																
CV1909	IR	6F5	CV2638	THYR	393A	CV3900	IR	5963	CV8161	IR	0A2	CV1910	IR	6F5	CV2642	TRANS	5842/417A	CV3905	TRANS	5847/404A	CV8162	IR	0B2	CV1911	IR	6F6	CV2643	PT	2C40A	CV3908	IR	6661/6BH6	CV8189	IR	5R4GA	CV1912	IR	6F6	CV2650	TRANS	12AY7	CV3930	IR	5718	CV8204	IR	5R4GA	CV1929	IR	6H6	CV2661	TRANS	812A	CV3942	IR	5692	CV8205	IR	6D4	CV1931	IR	6H6	CV2666	TRANS	829B	CV3974	IR	6AS7GA	CV8206	IR	5763	CV1932	IR	6I5	CV2679	RECT	816	CV3990	IR	2E26	CV8209	IR	6AS6	CV1933	IR	6I5	CV2685	TRANS	880/5658	CV3998	IR	6688	CV8211	IR	6AN5	CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																												
CV1910	IR	6F5	CV2642	TRANS	5842/417A	CV3905	TRANS	5847/404A	CV8162	IR	0B2	CV1911	IR	6F6	CV2643	PT	2C40A	CV3908	IR	6661/6BH6	CV8189	IR	5R4GA	CV1912	IR	6F6	CV2650	TRANS	12AY7	CV3930	IR	5718	CV8204	IR	5R4GA	CV1929	IR	6H6	CV2661	TRANS	812A	CV3942	IR	5692	CV8205	IR	6D4	CV1931	IR	6H6	CV2666	TRANS	829B	CV3974	IR	6AS7GA	CV8206	IR	5763	CV1932	IR	6I5	CV2679	RECT	816	CV3990	IR	2E26	CV8209	IR	6AS6	CV1933	IR	6I5	CV2685	TRANS	880/5658	CV3998	IR	6688	CV8211	IR	6AN5	CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																								
CV1911	IR	6F6	CV2643	PT	2C40A	CV3908	IR	6661/6BH6	CV8189	IR	5R4GA	CV1912	IR	6F6	CV2650	TRANS	12AY7	CV3930	IR	5718	CV8204	IR	5R4GA	CV1929	IR	6H6	CV2661	TRANS	812A	CV3942	IR	5692	CV8205	IR	6D4	CV1931	IR	6H6	CV2666	TRANS	829B	CV3974	IR	6AS7GA	CV8206	IR	5763	CV1932	IR	6I5	CV2679	RECT	816	CV3990	IR	2E26	CV8209	IR	6AS6	CV1933	IR	6I5	CV2685	TRANS	880/5658	CV3998	IR	6688	CV8211	IR	6AN5	CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																				
CV1912	IR	6F6	CV2650	TRANS	12AY7	CV3930	IR	5718	CV8204	IR	5R4GA	CV1929	IR	6H6	CV2661	TRANS	812A	CV3942	IR	5692	CV8205	IR	6D4	CV1931	IR	6H6	CV2666	TRANS	829B	CV3974	IR	6AS7GA	CV8206	IR	5763	CV1932	IR	6I5	CV2679	RECT	816	CV3990	IR	2E26	CV8209	IR	6AS6	CV1933	IR	6I5	CV2685	TRANS	880/5658	CV3998	IR	6688	CV8211	IR	6AN5	CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																
CV1929	IR	6H6	CV2661	TRANS	812A	CV3942	IR	5692	CV8205	IR	6D4	CV1931	IR	6H6	CV2666	TRANS	829B	CV3974	IR	6AS7GA	CV8206	IR	5763	CV1932	IR	6I5	CV2679	RECT	816	CV3990	IR	2E26	CV8209	IR	6AS6	CV1933	IR	6I5	CV2685	TRANS	880/5658	CV3998	IR	6688	CV8211	IR	6AN5	CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																												
CV1931	IR	6H6	CV2666	TRANS	829B	CV3974	IR	6AS7GA	CV8206	IR	5763	CV1932	IR	6I5	CV2679	RECT	816	CV3990	IR	2E26	CV8209	IR	6AS6	CV1933	IR	6I5	CV2685	TRANS	880/5658	CV3998	IR	6688	CV8211	IR	6AN5	CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																								
CV1932	IR	6I5	CV2679	RECT	816	CV3990	IR	2E26	CV8209	IR	6AS6	CV1933	IR	6I5	CV2685	TRANS	880/5658	CV3998	IR	6688	CV8211	IR	6AN5	CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																				
CV1933	IR	6I5	CV2685	TRANS	880/5658	CV3998	IR	6688	CV8211	IR	6AN5	CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																
CV1934	IR	6I5	CV2694	PHOTO	930	CV4003	IR	6189/12AU7MA	CV8214	RECT	8020W	CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																												
CV1935	IR	6I7	CV2695	PHOTO	931A	CV4007	IR	5726/6AL5W	CV8216	IR	6080	CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																								
CV1936	IR	6I7	CV2696	PHOTO	931A	CV4009	IR	5749/6BAGW	CV8218	IR	6146B/8298A	CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																				
CV1937	IR	6I7	CV2698	IR	5896	CV4010	IR	5654/6AK5W	CV8226	IR	6AS6	CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																
CV1941	IR	6K7	CV2714	IR	6LWGB	CV4011	IR	5725/6AS6W	CV8227	IR	5750/6BE6W	CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																												
CV1942	IR	6K7	CV2716	IR	6SC7	CV4016	IR	6189/12AU7MA	CV8229	IR	6005/6AQ5W	CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																								
CV1943	IR	6K7	CV2721	THYR	2050A/2050	CV4017	IR	5751	CV8232	IR	6080	CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																				
CV1949	IR	6D4	CV2723	RECT	GL-869B	CV4018	IR & THYR	5727	CV8246	IR	5654/6AK5W	CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																
CV1956	IR	6N7	CV2753	THYR	5632/C3J	CV4019	IR	6005/6AQ5W	CV8247	IR	5670	CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																												
CV1957	IR	6N7	CV2754	THYR	6807	CV4022	IR	6136	CV8248	IR	5750/6BE6W	CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																								
CV1958	IR	6N7	CV2790	THYR	6014/C1K	CV4023	IR	6136	CV8249	IR	6136	CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																				
CV1966	IR	6SA7	CV2797	TRANS	5894/5894A	CV4024	IR	6201	CV8287	IR	5686	CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																
CV1967	IR	6SA7	CV2798	IR	6360	CV4025	IR	5726/6AL5W	CV8310	IR	5725/6AS6W	CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																												
CV1969	IR	6SC7	CV2842	IR	6C4WA	CV4029	IR	5902	CV8311	IR	5726/6AL5W	CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																								
CV1970	IR	6SC7	CV2844	IR	6202	CV4032	IR	5814A	CV8312	IR	5751	CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																				
CV1972	IR	6SF5	CV2854	IR	6AN5	CV4039	IR	5763	CV8403	IR	6136	CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																
CV1973	IR	6SF5	CV2858	RECT	3B24W	CV4050	IR	5654/6AK5W	D2M9	IR	6663/6AL5	CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																												
CV1978	IR	6SG7	CV2873	THYR & IR	5727	CV4054	IR	5654/6AK5W	D27	IR	6663/6AL5	CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																								
CV1981	IR	6SK7	CV2876	IR & THYR	5727	CV4058	IR	6C4WA	D63	IR	6H6	CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																				
CV1982	IR	6SK7	CV2877	IR	5654/6AK5W	CV5008	IR	6080	D77	IR	6663/6AL5	CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																
CV1990	IR	6SQ7	CV2882	IR	5726/6AL5W	CV5027	THYR	5559/FG57	D152	IR	6663/6AL5	CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																												
CV1991	IR	6SQ7	CV2883	IR	6005/6AQ5W	CV5043	TRANS	811A	D717	IR	6663/6AL5	CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																								
CV1992	IR	0A4G	CV2884	IR	5725/6AS6W	CV5122	IR	5823	DCG4-1000	RECT	866A	CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																				
CV2012	IR	5651	CV2957	THYR	5557/FG17/715	CV5176	TRANS	2-01C	DCG4/1000G	RECT	866A	CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																
CV2014	IR	5763	CV2963	TRANS	4D21/4-125A	CV5181	IR	5R4GB	DCG5/5000GB	RECT	872A	CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																												
CV2020	IR	5654/6AK5W	CV2964	TRANS	4-250A/5D22	CV5186	IR	5651	DCG5/5000GS	RECT	8008	CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
CV2129	IR	5763	CV2967	RECT	8020W	CV5188	IR	5651	DCX4-1000G	RECT	3B28	CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
CV2130	TRANS	4D21/4-125A	CV2984	IR	6080	CV5189	IR	5726/6AL5W	DD6	IR	6663/6AL5	CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
CV2130	THYR	5544/734	CV2990	IR	6136	CV5190	IR	6005/6AQ5W	DD6G	IR	6663/6AL5	CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
CV2215	THYR	C6/K/5685	CV3508	IR	6201	CV5212	IR	6201	DD77	IR	5726/6AL5W	CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
CV2215	THYR	C6/K-NE	CV3512	IR & THYR	5696A	CV5216	IR	5654/6AK5W	DE-0517	THYR	5557/FG17/715	CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
CV2215	THYR	6807	CV3523	IR	6146B/8298A	CV5220	IR	6350A	DE-17	TRANS	810	CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
CV2241	IR	5642	CV3599	IR	12AY7	CV5358	IR	6D8/ECC88	DG-0517	THYR	5557/FG17/715	CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
CV2466	TRANS	6939	CV3650	IR	807	CV5404	IR	6463	DP-61	IR	5654/6AK5W	CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
CV2492	IR	6D8/ECC88	CV3679	IR	5693	CV5843	IR	5665A	DQ2	RECT	866A	CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
CV2492	IR	6922/E88CC	CV3699	THYR	5796	CV5893	IR	5654/6AK5W	DQ4	RECT	872A	CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
CV2522	IR	6AS6	CV3706	TRANS	832A	CV5894	IR	5670	DD6	RECT	GL-869B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

This interchangeability listing has been prepared to help you find a GE replacement for your tube requirements. It is believed to be accurate as of date issued. However, no responsibility is assumed by the General Electric Company for its use; nor for any infringements of patents or other rights of third parties which may result from its use.

Type to be Replaced	Tube Class	6E Replacement Type	Type to be Replaced	Tube Class	6E Replacement Type	Type to be Replaced	Tube Class	6E Replacement Type	Type to be Replaced	Tube Class	6E Replacement Type
DR-17	THYR	5557/FG17/715	EB-42	RECT	GL-857B	EL-C1J	THYR	6014/C1K	ES-833A	TRANS	833A
DR-300	TRANS	HF300/KU23/300	EB91	IR	6663/6AL5	EL-C1JA	THYR	6014/C1K	ESU103	RECT	866A
DR-575A	RECT	575A	EB91	IR	5726/6AL5W	EL-C1K	THYR	6014/C1K	ESU866	RECT	866A
DR805	TRANS	805	EBF82	IR	6678/6U8A	EL-C16J	THYR	5665/C16J	ESU-866A	RECT	866A
DR-807	IR	807	EC70	IR	5718	EL-C3J	THYR	5632/C3J	ESW-892	TRANS	892
DR-810	TRANS	810	EC71	IR	5718	EL-C3JA	THYR	5684/C3JA	ESW-892C	TRANS	892
DR-811	TRANS	811A	EC92	IR	6664/6AB4	EL-C3JAL	THYR	C3J/AL/7556A	F127A	TRANS	833A
DR-811A	TRANS	811A	EC560	PT	2C40A	EL-C3JAL	THYR	C3J/AL/7556A	F319A	RECT	872A
DR-812	TRANS	812A	EC562	PT	2C39B/6897	EL-C3JAL	THYR	7556A-NE	F353	RECT	872A
DR-812A	TRANS	812A	EC632	IR	5692	EL-C3J/L	THYR	C3J/L	F353A	RECT	872A
DR-813	TRANS	813	ECC35	IR	5691	EL-C4H-1	THYR	740/6856	F357A	RECT	GL-857B
DR-816	RECT	816	EC070	IR	6201	EL-C4H-2	THYR	740P/6857	F357B	RECT	GL-857B
DR-832A	TRANS	832A	ECC88	IR	6D18/ECC88	EL-C4H-3	THYR	740L/7022	F363A	TRANS	892
DR-833A	TRANS	833A	ECC230	IR	6080	EL-C4J	THYR	740/6856	F366A	RECT	866A
DR-857B	RECT	GL-857B	ECC801	IR	6201	EL-C4J/F	THYR	740P/6857	F369B	RECT	GL-869B
DR-869B	RECT	GL-869B	ECC801	IR	6201/12A7WC	EL-C4J/L	THYR	740L/7022	F375A	RECT	575A
DR-872	RECT	872A	ECC801S	IR	6201	EL-C6H-1	THYR	C6J/K-NE	F450TH	TRANS	450TH
DR-872A	RECT	872A	ECC802	IR	6189/12AU7WA	EL-C6H-1	THYR	6807	F575A	RECT	575A
DR-892R	TRANS	892R	ECC802S	IR	6189/12AU7WA	EL-C6H-1	THYR	C6J/N/5685	F-857A	RECT	GL-857B
DR-8008	RECT	8008	ECC813	IR	6463	EL-C6H-2	THYR	C6J/KP	F857B	RECT	GL-857B
DR-8020	RECT	8020W	EE-17	THYR	5557/FG17/715	EL-C6H-2	THYR	6808	F862	TRANS	862A
DX2	RECT	3B28	EE100TH	TRANS	100TH	EL-C6H-3	THYR	6809	F863	TRANS	892
DY70	IR	5642	EE-575A	RECT	575A	EL-C6H-3	THYR	6989/C6J/KL	F-863A	TRANS	892
E5L	IR	8233	EE836	RECT	836	EL-C6J	THYR	C6J	F869B	RECT	GL-869B
E81CC	IR	6201	EE-866A	RECT	866A	EL-C6J	THYR	C6J/N/5685	F-872A	RECT	GL-869B
E82CC	IR	6189/12AU7WA	EE-869B	RECT	GL-869B	EL-C6J	THYR	6807	F872B	RECT	872A
E82M	IR	5824	EE-872	RECT	872A	EL-C6JA	THYR	C6J/K/5685	F-889RA	TRANS	889RA/5667
E83CC	IR	6681/12AX7	EE-872A	RECT	872A	EL-C6J/K-NE	THYR	C6J/K-NE	F-891	TRANS	891
E88CC	IR	6922/E88CC	EE873	THYR	873	EL-C6J/F	THYR	C6J/P/6860	F-891R	TRANS	891R
E90F	IR	6265	EE-8008	RECT	8008	EL-C6J/F	THYR	6808	F892	TRANS	891
E90F	IR	6661/6BH6	EE-8020	RECT	8020W	EL-C6J/K	THYR	6807	F892	TRANS	892
E91AA	IR	5726/6AL5W	EF93	IR	6660/6BA6	EL-C6J/K	THYR	C6J/K-NE	F-892R	TRANS	892R
E91AA	IR	6663/6AL5	EF94	IR	6136	EL-C6J/K	THYR	C6J/K/5685	F-5563	THYR	5563A
E91N	IR & THYR	5727	EF95	IR	5654/6AK5W	EL-C6J/KF	THYR	C6J/KP	F5604	TRANS	5604
E99F	IR	6662/6BJ6	EF861	IR	6688	EL-C6J/KF	THYR	6808	F5619	TRANS	5619
E108K	IR	0B2	EF905	IR	5654/6AK5W	EL-C6J/KL	THYR	6989/C6J/KL	F5658	TRANS	880/5658
E125A	TRANS	4D21/4-125A	EH-900S	IR	7036	EL-C6J/KL	THYR	6809	F-5667	TRANS	889RA/5667
E180F	IR	6688	EL-1C	RECT	3B22	EL-C6J/L	THYR	6809	F-5668	TRANS	5668
E182CC	IR	7044	EL-3B	RECT	610/7723	EL-C6J/L	THYR	C6J/L/7321	F-5669	TRANS	5669
E182F	TRANS	5847/404A	EL-3C	RECT	604/7014	EM-2.5	RECT	615	F-5918A	TRANS	5918A
E-250A	TRANS	4-250A/5D22	EL-3C/L	RECT	604L/7015	EM-4X500A	TRANS	4X500A	FG-17	THYR	5557/FG17/715
E-400A	TRANS	4-400A/8438	EL-5C21	THYR	C6J	EM-4-125A	TRANS	4D21/4-125A	FG-32	RECT	5558/FG32
E450TH	TRANS	450TH	EL-6B	RECT	660	EM-4-1000A	TRANS	4CX1000A/8168	FG-33	THYR	5720
E-1870	TRANS	4D21/4-125A	EL-6B/L	RECT	660L/7786	EM-4-1000A	TRANS	4-1000A/8166	FG-57	THYR	5559/FG57
E1955	IR & THYR	2D21	EL-6C	RECT	606/7016	EN32	THYR	2050A/2050	FG-81	THYR	FG-81A
EAA91	IR	6663/6AL5	EL-6C/L	RECT	606L/7017	EN91	THYR & IR	5727	FG-81A	THYR	FG-81A
EAA901	IR	6663/6AL5	EL-6F	RECT	660P	EN91	IR & THYR	2D21	FG-95	THYR	5560/FG95
EAA901	IR	5726/6AL5W	EL37	IR	5881	EN92	IR & THYR	5696A	FG-97	THYR	FG-97
EAA901S	IR	5726/6AL5W	EL71	IR	5902	EN93	IR	6D4	FG-98	THYR	FG-98A
EAA9015	IR	6663/6AL5	EL90	IR	6005/6A05W	EN93	IR & THYR	5696A	FG-98A	THYR	FG-98A

Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type
FG-104	RECT	5561/FG104	GL-2C40	PT	2C40A	GL-678	THYR	678	GL-4448B	PT	2C40A	GL-104	RECT	5561/FG104
FG-105	THYR	FG-105	GL-2C40A	PT	2C40A	GL-707	IR	807	GL-5513	TRANS	2C40A	GL-105	THYR	FG-105
FG-172	THYR	FG-172	GL-2C42	PT	2C42	GL-805	TRANS	805	GL-5544	THYR	2C42	GL-172	THYR	FG-172
FG-235A	THYR	FG-172	GL-2C43	PT	2C43	GL-807	IR	807	GL-5544/734	THYR	2C43	FG-235A	THYR	FG-172
FG-238B	IGNI	GL-5552A	GL-2C44	PT	2C43	GL-810	TRANS	810	GL-5545	THYR	2C43	FG-238B	IGNI	GL-5552A
FG-258A	IGNI	GL-5555	GL-2C46	PT	2C46	GL-811	TRANS	811A	GL-5545	THYR	2C46	FG-258A	IGNI	GL-5555
FG-258B	IGNI	GL-5553B	GL-2D21	IR & THYR	2D21	GL-811A	TRANS	811A	GL-5545	THYR	2D21	FG-258B	IGNI	GL-5553B
FG-259B	IGNI	GL-5553B	GL-2D21	THYR & IR	5727	GL-812	TRANS	812A	GL-5550	IGNI	5727	FG-259B	IGNI	GL-5553B
FG-259B	IGNI	GL-5554	GL-2E24	TRANS	2E24	GL-812A	TRANS	812A	GL-5550-1	IGNI	2E24	FG-259B	IGNI	GL-5554
FG-259B	IGNI	GL-5554	GL-2E26	IR	2E26	GL-813	TRANS	813	GL-5550/GL-415	IGNI	2E26	FG-259B	IGNI	GL-5554
FG-271	IGNI	GL-5551A	GL-3C23	THYR	3C23	GL-816	RECT	816	GL-5550/415	IGNI	3C23	FG-271	IGNI	GL-5551A
FG-280	RECT	FG-280	GL-3X2500A3	TRANS	3CX2500A3/8161	GL-828	TRANS	828	GL-5552	IGNI	3X2500A3	FG-280	RECT	FG-280
G5A	RECT	872A	GL-4D21	TRANS	6155	GL-829	TRANS	829B	GL-5551A	IGNI	6155	G5A	RECT	872A
G5D	RECT	872A	GL-4D21	TRANS	4D21/4-125A	GL-829B	TRANS	829B	GL-5551A	IGNI	4D21/4-125A	G5D	RECT	872A
G8	PHOTO	868	GL-4X150A	TRANS	4X150A/7034	GL-830B	TRANS	830-B	GL-5551A/FG-271	IGNI	4X150A	G8	PHOTO	868
G15F	PHOTO	927	GL-4X500A	TRANS	4X500A	GL-832	TRANS	832A	GL-5551A/PC	IGNI	4X500A	G15F	PHOTO	927
G25/3000	RECT	866A	GL-4-250A/5D22	TRANS	6156	GL-832A	TRANS	832A	GL-5552A	IGNI	4-250A/5D22	G25/3000	RECT	866A
G40	RECT	GL-869B	GL-4-400A	TRANS	4-400A/8438	GL-833A	TRANS	833A	GL-5552A	IGNI	4-400A	G40	RECT	GL-869B
G75/2D	IR	0A3	GL-4-1000A	TRANS	4-1000A/8166	GL-836	RECT	836	GL-5552A/FG-235A	IGNI	4-1000A	G75/2D	IR	0A3
G100A	RECT	GL-857B	GL-6C21	TRANS	6C21	GL-845	TRANS	845	GL-5552A/PC	IGNI	6C21	G100A	RECT	GL-857B
G105/1D	IR	0C3/WR105	GL-57	THYR	5559/FG57	GL-857A	RECT	857B	GL-5553A	IGNI	0C3/WR105	G105/1D	IR	0C3/WR105
G150/3D	IR	0D3/WR150	GL-75-30	IR	0A3	GL-857B	RECT	857B	GL-5553B	IGNI	0D3/WR150	G150/3D	IR	0D3/WR150
G150/4K	IR	0A2	GL-83	IR	83	GL-862	TRANS	862A	GL-5553B/PC	IGNI	0A2	G150/4K	IR	0A2
G180-2M	IR	0D3/WR150	GL-90-30	IR	0B3	GL-866A	RECT	866A	GL-5554	IGNI	0D3/WR150	G180-2M	IR	0D3/WR150
G250/3000	RECT	866A	GL-105/30	IR	0C3/WR105	GL-866A/866	RECT	866A	GL-5554/FG-259B	IGNI	0C3/WR105	G250/3000	RECT	866A
G415	IGNI	GL-5550	GL-238A	IGNI	GL-5555	GL-869B	RECT	869B	GL-5555	IGNI	238A	G415	IGNI	GL-5550
G86X4WA	IR	G202	GL-238B	IGNI	GL-5555	GL-872	RECT	872A	GL-5555/FG-238A	IGNI	G202	G86X4WA	IR	G202
G81219	IR	5670	GL-393A	THYR	393A	GL-872A	RECT	872A	GL-5555/FG-2388	IGNI	5670	G81219	IR	5670
GE-12661	PT	GE-12661	GL-415	IGNI	GL-5550	GL-872A/872	RECT	872A	GL-5556	TRANS	415	GE-12661	PT	GE-12661
GE-13971	PT	GE-13971	GL-426	RECT	615	GL-880	TRANS	880/5658	GL-5557	THYR	426	GE-13971	PT	GE-13971
GE-14501	PT	GE-14501	GL-446	PT	2C40A	GL-889A	TRANS	889A/5667	GL-5557/FG-17	THUR	446	GE-14501	PT	GE-14501
GE-14811	PT	GE-14811	GL-446A	PT	2C40A	GL-889RA	TRANS	889RA/5667	GL-5558	RECT	446A	GE-14811	PT	GE-14811
GE-15371	PT	GE-15371	GL-451	RECT	8020W	GL-891	TRANS	891	GL-5558/FG-32	RECT	451	GE-15371	PT	GE-15371
GE-15371AL	PT	GE-15371AL	GL-452	TRANS	892	GL-891R	TRANS	891R	GL-5558/FG-32	RECT	452	GE-15371AL	PT	GE-15371AL
GE-15375	PT	GE-15375	GL-464	PT	2C43	GL-892R	TRANS	892	GL-5559	THYR	464	GE-15375	PT	GE-15375
GE-15375AL	PT	GE-15375AL	GL-473	TRANS	5736/473	GL-892R	TRANS	892R	GL-5559/FG-57	THYR	473	GE-15375AL	PT	GE-15375AL
GE-16231	PT	GE-16231	GL-490	RECT	606/7016	GL-917	PHOTO	917	GL-5560	THYR	490	GE-16231	PT	GE-16231
GE-16231AL	PT	GE-16231AL	GL-502	THYR	2050A/2050	GL-918	PHOTO	918	GL-5560/FG-95	THYR	502	GE-16231AL	PT	GE-16231AL
GE-16411	PT	GE-16411	GL-502A	THYR	2050A/2050	GL-919	PHOTO	919	GL-5561	RECT	502A	GE-16411	PT	GE-16411
GE-16841	PT	GE-16841	GL-507	IGNI	GL-5564	GL-921	PHOTO	921	GL-5561/FG-104	RECT	507	GE-16841	PT	GE-16841
GE-17241	PT	GE-17241	GL-510	RECT	GL-857B	GL-922	PHOTO	922	GL-5563A	THYR	510	GE-17241	PT	GE-17241
GE-17701	PT	GE-17701	GL-512	RECT	575A	GL-923	PHOTO	923	GL-5564	IGNI	512	GE-17701	PT	GE-17701
GE-17701AL	PT	GE-17701AL	GL-512A	RECT	575A	GL-927	PHOTO	927	GL-5564/GL-507	IGNI	512A	GE-17701AL	PT	GE-17701AL
GE-18651	PT	GE-18651	GL-572	PT	2C39A	GL-929	PHOTO	929	GL-5575/100/616	RECT	572	GE-18651	PT	GE-18651
GE-18651AL	PT	GE-18651AL	GL-575A	RECT	575A	GL-929	PHOTO	1P39	GL-5625	RECT	575A	GE-18651AL	PT	GE-18651AL
GE-21351	PT	GE-21351	GL-627	RECT	627	GL-930	PHOTO	930	GL-5625/KC-4	RECT	627	GE-21351	PT	GE-21351
GL-1P40	PHOTO	1P40	GL-632B	THYR	5560/FG95	GL-931A	PHOTO	931A	GL-5632/C3J	THYR	1P40	GL-1P40	PHOTO	1P40
GL-2C39	PT	2C39A	GL-672	THYR	672A	GL-935	PHOTO	935	GL-5632/C3J	THYR	2C39A	GL-2C39	PT	2C39A
GL-2C39A	PT	2C39A	GL-672A	THYR	672A	GL-2050	THYR	2050A/2050	GL-5651	IR	2C39A	GL-2C39A	PT	2C39A
GL-2C39B	PT	2C39B/6897	GL-673	RECT	673	GL-2050A	THYR	2050A/2050	GL-5654	IR	2C39B	GL-2C39B	PT	2C39B/6897

This interchangeability listing has been prepared to help you find a GE replacement for your tube requirements. It is believed to be accurate as of date issued. However, no responsibility is assumed by the General Electric Company for its use; nor for any infringements of patents or other rights of third parties which may result from its use.

Type to be Replaced	Tube Class	BE Replacement Type	Type to be Replaced	Tube Class	BE Replacement Type	Type to be Replaced	Tube Class	BE Replacement Type	Type to be Replaced	Tube Class	BE Replacement Type	Type to be Replaced	Tube Class	BE Replacement Type
GL-5665	THYR	5665/C16J	GL-6442	TRANS	6442	GL-7671-PC	IGNI	GL-7671/PC	GXU1	RECT	3B28			
GL-5687	IR	5687/WA,WB	GL-5822A	IGNI	GL-5822A	GL-7673	IGNI	GL-7673	H63	IR	6F5			
GL-5691	IR	5691	GL-6512	IGNI	GL-6512	GL-7673/PC	IGNI	GL-7673/PC	HD-51	IR	0A2			
GL-5692	IR	5692	GL-6513	IGNI	GL-6513	GL-7681	IGNI	GL-7681	HD-52	IR	0B2			
GL-5693	IR	5693	GL-6514	IGNI	GL-6514	GL-7681/PC	IGNI	GL-7681/PC	HD-206	RECT	619			
GL-5696	IR & THYR	5696A	GL-6515	IGNI	GL-6515	GL-7703	IGNI	GL-7703	HF-150	TRANS	311CH			
GL-5718	IR	5718	GL-6660	IR	6660/6BA6	GL-7726	THYR	7726/710AL	HF200	TRANS	HF200/HW18/7200			
GL-5720	THYR	5720	GL-6661	IR	6661/6BH6	GL-7736	IGNI	GL-7736	HF200	RECT	5576/200			
GL-5720 FG-33	THYR	5720	GL-6662	IR	6662/6B16	GL-7784	TRANS	7784	HF200/HW18/7200	TRANS	HF200/HW18/7200			
GL-5725	IR	5725/6AS6W	GL-6663	IR	6663/6AL5	GL-7964	TRANS	GL-7964	HF-255	RECT	GL-869B			
GL-5727	IR & THYR	5727	GL-6664	IR	6664/6AB4	GL-7998	IGNI	GL-7998	HF300	TRANS	HF300/KU23/T300			
GL-5736	TRANS	5736/473	GL-6669	IR	6669/6AQ5A	GL-8000	TRANS	8000	HF300/KU23/T300	TRANS	HF300/KU23/T300			
GL-5749	IR	5749/6BA6W	GL-6676	IR	6676/6C86A	GL-8001	TRANS	4E27/5-125B	HF-866A	RECT	866A			
GL-5750	IR	5750/6BE6W	GL-6677	IR	6677/6CL6	GL-8005	TRANS	8005	HF-1701	THYR	5557/FG17/715			
GL-5751	IR	5751	GL-6678	IR	6678/6UBA	GL-8008	RECT	8008	HK24	TRANS	25T			
GL-5763	IR	5763	GL-6679	IR	6679/12A17	GL-8020	RECT	8020W	HK24G	TRANS	3C24			
GL-5788	TRANS	356/5771	GL-6680	IR	6680/12AU7A	GL-8205	IGNI	GL-8205	HK257B	TRANS	4E27/5-125B			
GL-5788	IGNI	GL-5788	GL-6681	IR	6681/12AX7	GL-8360	IGNI	GL-8360	HK304H	TRANS	304TH			
GL-5814A	IR	5814A	GL-6807	THYR	6807	GL-8465	IGNI	GL-8465	HK304TH	TRANS	304TH			
GL-5822	IGNI	GL-5822A	GL-6808	THYR	6808	GL-8466	IGNI	GL-8466	HK-454-H	TRANS	250TH			
GL-5822A	IGNI	GL-5822A	GL-6809	THYR	6809	GL-8500	TRANS	GL-8500	HK854H	TRANS	450TH			
GL-5822A/PC	IGNI	GL-5822A/PC	GL-6829	IR	6829	GL-8866	TRANS	GL-8866	HK854L	TRANS	450TH			
GL-5824	IR	5824	GL-6829	THYR	6829	GL-35391	IGNI	GL-35391	HM04	IR	5750/6BE6W			
GL-5855	THYR	5855	GL-6856	THYR	740/6856	GL-37207	IGNI	GL-37207A	HI-17	THYR	5557/FG17/715			
GL-5881	IR	5881	GL-6857	THYR	740P/6857	GL-37207A	IGNI	GL-37207A	HV18	TRANS	HF200/HW18/7200			
GL-5894	TRANS	5894/5894A	GL-6857/740P	THYR	740P/6857	GL-37228	IGNI	GL-7703	HV-966B	RECT	866A			
GL-5902	IR	5902	GL-6858	THYR	6858/760	GL-37248	IGNI	GL-37248	HW-6	RECT	619			
GL-5915	IR	7036	GL-6858/760	THYR	6858/760	GL-37285	IGNI	GL-37285	HW-15	RECT	623			
GL-5963	IR	5963	GL-6859	THYR	6859/760P	GL-51025	TRANS	GL-51025	HW-203	RECT	623			
GL-5964	IR	5964	GL-6859/760P	THYR	6859/760P	GL-51026	TRANS	GL-51026	HY-0A3	IR	0A3			
GL-5965	IR	5965A	GL-6860	THYR	C6J/P/6860	GL-51038	TRANS	GL-51038	HY-0C3	IR	0C3/VR105			
GL-6011	THYR	710/6011	GL-6860	THYR	6860	GL-51038R	TRANS	GL-51038R	HY-2E26	IR	2E26			
GL-6011/710	THYR	710/6011	GL-6883	IR	6883B/8032A/8552	GL-51064	TRANS	GL-51064	HY51B	TRANS	830-B			
GL6011L	THYR	710L/7518	GL-6897	TRANS	6897/2C39B	GL-51065	TRANS	GL-51065	HY51B	TRANS	829B			
GL-6014	THYR	6014/C1K	GL-6907	TRANS	6907	GL-51070	TRANS	GL-51070	HY-61	IR	807			
GL-6014/C1K	THYR	6014/C1K	GL6930/635P	RECT	635P/6930	GL-51074	TRANS	GL-51074	HY-61/807	IR	807			
GL-6046	IR	6046	GL-6942	TRANS	GL-6942	GL-6014/C1K	THYR	6014/C1K	HY615	RECT	615			
GL-6072	IR	6072A	GL-7021	THYR	714/7021	GL-KC-4	RECT	5575/100/616	HY-807	IR	807			
GL-6136	IR	6136	GL-7038	VID	7038	GL-0A3	IR	0A3	HY-816	RECT	816			
GL-6146	IR	6146A	GL-7151	IGNI	GL-7151	GL-0A4G	IR	0A4G	HY-866A/866	RECT	866A			
GL-6146A	IR	6146A	GL-7171	IGNI	GL-7171	GL-0B2	IR	0B2	HY866IR	RECT	816			
GL-6183	TRANS	GL-6942	GL-7391	TRANS	7391	GL-0C3	IR	0C3/VR105	K251	RECT	866A			
GL-6189	IR	6189/12AU7WA	GL-7399	TRANS	GL-7399	GLE13000/1.5/6	RECT	872A	KC-4	RECT	5575/100/616			
GL-6201	IR	6201	GL-7518	THYR	710L/7518	GLE15000/1/4	RECT	872A	KD-21	IR	0A3			
GL-6251	TRANS	GL-6251	GL-7518/710L	THYR	710L/7518	GLE20000/2.5/10	RECT	866A	KD24	IR	0C3/VR105			
GL-6283	TRANS	GL-6283	GL-7644	TRANS	7644	GRG250/3000	THYR	5557/FG17/715	KD-24	IR	0C3/VR105			
GL-6299	TRANS	6299	GL-7669	IGNI	GL-7669	GS-16S0	PHOTO	1P40	KD25	IR	0D3/VR150			
GL-6346	IGNI	GL-5551A	GL-7669/PC	IGNI	GL-7669/PC	GS-47X	PHOTO	927	KD25	VR	0D3A			
GL-6347	IGNI	GL-5552A	GL-7670	IGNI	GL-7670	GUI2	RECT	866A	KLK4	IR	5654/6AK5W			
GL-6348	IGNI	GL-5553B	GL-7671	IGNI	GL-7671	GUI8	RECT	866A	KT63	IR	6F6			

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K177	IR	5881	ML-381	PT	2039B/6897	ML-8008	RECT	8008	ML-761P	THYR	6859/760P			
KT88	IR	6550A	ML-473	TRANS	5736/473	MS-9S	PHOTO	931A	NL-869B	RECT	GL-869B			
KTW63	IR	617	ML-575A	RECT	575A	MF-17	THYR	5557/FG17/715	NL-872A	RECT	872A			
KTZ63	IR	6K7	ML-673	RECT	673	MF-57	THYR	5359/FG57	NL-1009A	IGNI	GL-7681			
KTZ63M	IR	617	ML-728	THYR	5557/FG17/715	MF-105	THYR	FG-105	NL-1009AP	IGNI	GL-7681/PC			
KU23	TRANS	HF300/KU23/T300	ML805	TRANS	805	MI-5544	THYR	5544/734	NL-1011	IGNI	GL-5551A			
KU-610	THYR	KU-610	ML-807	IR	807	MI5545	THYR	C6/K-NE	NL-1011AP	IGNI	GL-5551A/PC			
KU-624	THYR	KU-624	ML-810	TRANS	810	MI5545	THYR	C6/K/5685	NL-1011A	IGNI	GL-5551A			
KU-627	RECT	627	ML-813	TRANS	813	MI5557	THYR	5557/FG17/715	NL-1012	IGNI	GL-5552A			
KU-634	THYR	677	ML828	TRANS	828	MI-5559	THYR	3559/FG57	NL-1012A	IGNI	GL-5552A			
KU-676	THYR	KU-676	ML-829B	TRANS	829B	MU-811	TRANS	811A	NL-1012AP	IGNI	GL-5552A/PC			
KY21A	THYR	KY21A	ML-832A	TRANS	832A	MW6-5	IR	6SA7	NL-1013	IGNI	GL-5553B			
L-FTX-44-5	THYR	5665/C16J	ML-833A	TRANS	833A	N27	IR	6669/6AQS5A	NL-1013A	IGNI	GL-5553B			
L29	TRANS	6799	ML-857B	RECT	GL-857B	NC-25C	PHOTO	927	NL-1014A	IGNI	GL-7151			
L63	IR	6C5	ML-866A	RECT	866A	NL-3C23	THYR	3C23	NL-1016	IGNI	GL-7681			
L63B	IR	6C5	ML-869B	RECT	GL-869B	NL-14	THYR	5557/FG17/715	NL-1016A	IGNI	GL-7681			
L77	IR	6135	ML-872A	RECT	872A	NL-393A	THYR	393A	NL-1016AP	IGNI	GL-7681/PC			
M-1K-5	RECT	617	ML-872A/872	RECT	872A	NL-575A	RECT	575A	NL-1022	IGNI	GL-5822A			
M-2K-2.5	RECT	615	ML-880	TRANS	880/5658	NL-600	RECT	3822	NL-1022A	IGNI	GL-5822A			
M-2K-215	RECT	615	ML-889RA	TRANS	889RA/5667	NL-604	RECT	604/7014	NL-1022AP	IGNI	GL-5822A/PC			
M-7-15	RECT	643	ML-891	TRANS	891	NL-604L	RECT	604L/7015	NL-1051	IGNI	GL-5551A			
M-15	RECT	623	ML-891R	TRANS	891R	NL-606	RECT	606/7016	NL-1051A	IGNI	GL-5551A			
M-20	RECT	643	ML-892	TRANS	892	NL-606L	RECT	606L/7017	NL-1051AP	IGNI	GL-5551A/PC			
M8079	IR	5726/6AL5W	ML-892R	TRANS	892R	NL-615	RECT	615	NL-1051P	IGNI	GL-5551A/PC			
M8080	IR	6135	ML-5575	RECT	5575/100/616	NL-618L	RECT	660L/7786	NL-1052	IGNI	GL-5552A			
M8096	IR	5763	ML-5576	RECT	5576/200	NL-618P	RECT	660P	NL-1052A	IGNI	GL-5552A			
M8100	IR	5654/6AK5W	ML-5604	TRANS	5604	NL-632B	THYR	5560/FG95	NL-1052AP	IGNI	GL-5552A/PC			
M8108	IR	5749/6BA6W	ML-5606	TRANS	5606	NL-635L	RECT	635L/7020	NL-1052P	IGNI	GL-5552A/PC			
M8136	IR	6189/12AU7WA	ML-5606A	TRANS	5606A	NL649	RECT	649/5834	NL-1053	IGNI	GL-5553B			
M8162	IR	6201	ML-5619	TRANS	5619	NL649/5834	RECT	649/5834	NL-1054	IGNI	GL-7151			
M8178	IR & THYR	5727	ML-5658	TRANS	880/5658	NL653/5835	RECT	653/5835	NL-1054A	IGNI	GL-7151			
M8196	IR	5725/6AS6W	ML-5667	TRANS	889RA/5667	NL660L	RECT	660L/7786	NL-1061	IGNI	GL-7669			
M8204	IR & THYR	5727	ML-5668	TRANS	5668	NL-710	THYR	710/6011	NL-1061P	IGNI	GL-7669/PC			
M8212	IR & THYR	5726/6AL5W	ML-5669	TRANS	5669	NL-710/6011	THYR	710/6011	NL-1062	IGNI	GL-7671			
M8223	IR	0A2	ML-5685	THYR	C6/K/5685	NL-710A	THYR	7725/710A	NL-1062P	IGNI	GL-7671/PC			
M8224	IR	0B2	ML-5736	TRANS	5736/473	NL-710AL	THYR	7726/710AL	NL-1064	IGNI	GL-8205			
M8245	IR	6005/6AQ5W	ML-5771	TRANS	3565/771	NL-715	THYR	5557/FG17/715	NL-1066	IGNI	GL-7670			
ME1504	THYR	5559/FG57	ML-5894	TRANS	5894/5894A	NL-715/5557	THYR	5557/FG17/715	NL-1073	IGNI	GL-7673			
ML-2039	PT	2C39A	ML-6420	TRANS	6420	NL-716	THYR	6014/C1K	NL-1071	IGNI	GL-7669			
ML-2039A	PT	2C39A	ML-6421	TRANS	6421	NL-730	THYR	5544/734	NL-1071P	IGNI	GL-7669/PC			
ML-2039B	PT	2C39B/6897	ML-6421F	TRANS	6421F	NL-734	THYR	5544/734	NL-1072P	IGNI	GL-7671/PC			
ML4-250A	TRANS	6156	ML-6423	TRANS	6423	NL-734/5544	THYR	5544/734	NL-1073	IGNI	GL-7673			
ML-7024	TRANS	5762/7C24	ML-6423F	TRANS	6423F	NL-740	THYR	740/6856	NL-1074	IGNI	GL-8205			
ML-100	RECT	5575/100/616	ML-6424	TRANS	6424	NL-740L	THYR	740L/7022	NL-1079	IGNI	GL-7998			
ML-199	PT	8094/199	ML-6425	TRANS	6425	NL-740P	THYR	740P/6857	NL-2050A	THYR	2050A/2050			
ML308	TRANS	5669	ML-6425F	TRANS	6425F	NL-760	THYR	6858/760	NL-5550	IGNI	GL-5550			
ML-308R	TRANS	5668	ML-6426	TRANS	6426	NL-760L	THYR	760L/7023	NL-5551	IGNI	GL-5551A			
ML309R	TRANS	5669	ML-7007	TRANS	6427	NL-761	THYR	6809	NL-5552	IGNI	GL-5552A			
ML356	TRANS	889RA/5667	ML-8005	TRANS	7007	NL-761L	THYR	6858/760	NL-5552A	IGNI	GL-5552A			
		356/5771			8005	NL-761L	THYR	6809	NL-5553B	IGNI	GL-5553B			

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Type to be Replaced	GE Replacement Type	Tube Class	Type to be Replaced	GE Replacement Type	Tube Class	Type to be Replaced	GE Replacement Type	Tube Class	Type to be Replaced	GE Replacement Type	Tube Class	Type to be Replaced	GE Replacement Type	Tube Class
NU-5553B/PC	GL-5553B/PC	IGNI	NU-816	816	RECT	P-841	8507A	VID	P-841	8507A	VID	QB3/300GA	4D21/4-125A	TRANS
NU-5555	GL-5555	IGNI	NU828	828	TRANS	P-843	8572A	VID	P-843	8572A	VID	QB-3-5-750	4-250A/5D22	TRANS
NU-5555A	GL-6513	IGNI	NU-829	829B	TRANS	P-844	8572A	VID	P-844	8572A	VID	QB309	6201	IR
NU-5558	5558/FG32	RECT	NU-829B	829B	TRANS	P-848	8507A	VID	P-848	8507A	VID	QB4/1100	4-400A/8438	TRANS
NU-5559	5559/FG57	THYR	NU-832	832A	TRANS	P-862	7735B	VID	P-862	7735B	VID	QB4/1100GA	4-400A/8438	TRANS
NU-5559/FG-57	5559/FG57	THYR	NU-832A	832A	TRANS	P-864	7735B	VID	P-864	7735B	VID	QBL4-800	4X500A	TRANS
NU-5560 FG-95	5560/FG95	THYR	NU845	845	TRANS	PA-5021	866A	RECT	PA-5021	866A	RECT	QD77	5726/6AL5W	IR
NU-5632/C3J	5632/C3J	THYR	NU-866A	866A	RECT	PE340	6155	TRANS	PE340	6155	TRANS	QE3/10	5763	IR
NU-5684NE	5684-NE	THYR	NU-866A/866	866A	RECT	PF9	6K7	IR	PF9	6K7	IR	QE05-40	6146B/8298A	IR
NU-5720	5720	THYR	NU866JR	816	RECT	PI-8	GL-5556	TRANS	PI-8	GL-5556	TRANS	QE05/40	6146A	IR
NU-5720 FG-33	5720	THYR	NU872A/872	872A	RECT	PI-8	GL-5551A	IGNI	PI-8	GL-5551A	IGNI	QEO5/40F	6883B/8032A/8552	IR
NU-5822	GL-5822A	IGNI	NU-967	5557/FG17/715	THYR	PI23	868	PHOTO	PI23	868	PHOTO	QEO8/50	807	IR
NU-5822A	GL-5822A	IGNI	0A2	0A2	IR	PL-2D21	2021	IR & THYR	PL-2D21	2021	IR & THYR	QEL1/150	4X150A/7034	TRANS
NU-7014	604/7014	RECT	0A3	0A3	IR	PL-4D21	4D21/4-125A	TRANS	PL-4D21	4D21/4-125A	TRANS	QEL2/275	4CX250B/7203	TRANS
NU-7015	604L/7015	RECT	0A3 VR175	0A3	IR	PL-5D22	4-250W/5D22	TRANS	PL-5D22	4-250W/5D22	TRANS	QK95	3B29	RECT
NU-7016	606/7016	RECT	0A4G	0A4G	IR	PL-14	5557/FG17/715	THYR	PL-14	5557/FG17/715	THYR	QL77	6C4WA	IR
NU-7017	606L/7017	RECT	0BC3	12S07	IR	PL21	2021	IR & THYR	PL21	2021	IR & THYR	QL77	6135	IR
NU-7018	615	RECT	0B2	0B2	IR	PL-21	5727	IR & THYR	PL-21	5727	IR & THYR	QM328	5686	IR
NU-7019	635/7019	RECT	0B3	0B3	IR	PL-57	5559/FG57	THYR	PL-57	5559/FG57	THYR	QM556	6202	IR
NU-7023	760L/7023	THYR	0C3	0C3 VR105	IR	PL-105	FG-105	THYR	PL-105	FG-105	THYR	QM557	5654/6AK5W	IR
NU-7171	GL-7171	IGNI	0C3 VR105	0C3 VR105	IR	PL106	6858/760	THYR	PL106	6858/760	THYR	QM558	5725/6AS6W	IR
NU-7673	GL-7673	IGNI	0D3	0D3 VR150	IR	PL-106	6858/760P	THYR	PL-106	6858/760P	THYR	QM559	5726/6AL5W	IR
NU-7673P	GL-7673/PC	IGNI	0D3A	0D3A	IR	PL-255	GL-414	THYR	PL-255	GL-414	THYR	QOE02/5	6939	TRANS
NU-7703	GL-7703	IGNI	0D3 VR150	0D3 VR150	IR	PL-1267	0A4G	IR	PL-1267	0A4G	IR	QOE03/12	6360	IR
NU-C3/A	5684/C3/A	THYR	0D3 VR150	0D3A	VR	PL-5544	5544/734	THYR	PL-5544	5544/734	THYR	QOE04/15	832A	TRANS
NU-C3/JAL	C3/JAL/7556A	THYR	0D3A	0D3A	VR	PL-5545	C6J/K-NE	THYR	PL-5545	C6J/K-NE	THYR	QOE04/20	832A	TRANS
NU-C3/JAL-NE	C3/JAL-NE	THYR	0G3	5651	IR	PL-5545	C6J/K/5685	THYR	PL-5545	C6J/K/5685	THYR	QOE06/40	5894/5894A	TRANS
NU-C3/JL	C3/JL	THYR	0M6	6K7	IR	PL-5551	GL-5551A	IGNI	PL-5551	GL-5551A	IGNI	QOV02/6	6939	TRANS
NU-C6J	6807	THYR	OSW2190	6A7	IR	PL-5551A	GL-5551A	IGNI	PL-5551A	GL-5551A	IGNI	QOV03-10	6360	IR
NU-C6J/KP	6808	THYR	OSW2192	6A7	IR	PL-5552	GL-5552A	IGNI	PL-5552	GL-5552A	IGNI	QOV03/12	5763	IR
NU-C16J	5665/C16J	THYR	OSW2600	6A7	IR	PL-5552A	GL-5552A	IGNI	PL-5552A	GL-5552A	IGNI	QOV04/15	832A	TRANS
NU-0A4G	0A4G	IR	OSW2601	6A7	IR	PL-5553B	GL-5553B	IGNI	PL-5553B	GL-5553B	IGNI	QOV06/40	5894/5894A	TRANS
NU-0B2	0B2	IR	OSW3104	6SA7	IR	PL-5555	GL-5555	IGNI	PL-5555	GL-5555	IGNI	QOV06/40A	5894/5894A	TRANS
NU-0C3	0C3 VR105	IR	OSW3105	6S07	IR	PL-5557	5557/FG17/715	THYR	PL-5557	5557/FG17/715	THYR	QOV07-40	829B	TRANS
NU-2D21	0C3 VR105	IR & THYR	OSW3109	6H6	IR	PL-5559	5559/FG57	THYR	PL-5559	5559/FG57	THYR	QOV16/40A	5894/5894A	TRANS
NU11V	917	PHOTO	OSW3111	6SK7	IR	PL-5632	5632/C3J	THYR	PL-5632	5632/C3J	THYR	QS83/3	5651	IR
NU-20	927	PHOTO	OSW3112	6I5	IR	PL-5684	5684/C3J/A	THYR	PL-5684	5684/C3J/A	THYR	QS150/40	0D3A	VR
NU-20C	927	PHOTO	OSW3112	6I7	IR	PL-5822A	GL-5822A	IGNI	PL-5822A	GL-5822A	IGNI	QS150/40	0D3 VR150	IR
NU-25	927	PHOTO	0I-100	8005	TRANS	PL-5822A	710/6011	THYR	PL-5822A	710/6011	THYR	QS1205	0A3	IR
NU-30	930	PHOTO	P2-12	832A	TRANS	PN04	6660/6BA6	IR	PN04	6660/6BA6	IR	QS1206	0C3 VR105	IR
NU31V	919	PHOTO	P2-40	829B	TRANS	PN05	5654/6A5KW	IR	PN05	5654/6A5KW	IR	QS1207	0A2	IR
NU200	HF200/HV18/7200	TRANS	P2-40B	829B	TRANS	Q160-1	4D21/4-125A	TRANS	Q160-1	4D21/4-125A	TRANS	QS1208	0B2	IR
NU300	HF300/KU23/7300	TRANS	P-14	5557/FG17/715	THYR	Q400-1	4-250A/5D22	TRANS	Q400-1	4-250A/5D22	TRANS	QS1209	5651	IR
NU805	805	TRANS	P17A	807	IR	Q42401	6135	IR	Q42401	6135	IR	QS2404	5726/6AL5W	IR
NU-807	807	IR	P17W	807	IR	Q42401	6C4WA	IR	Q42401	6C4WA	IR	QS2406	6201	IR
NU-810	810	TRANS	P-120-1A	813	TRANS	QA2406	6201	IR	QA2406	6201	IR	QW03/12	5763	IR
NU-811A	811A	TRANS	P5521E	4D21/4-125A	TRANS	QA2407	6201	IR	QA2407	6201	IR	QW04-15	832A	TRANS
NU-812	812A	TRANS	P-810	7038	VID	QA2408	5692	IR	QA2408	5692	IR	QW05-10	2E26	IR
NU-812A	812A	TRANS	P-813	7038	VID	QB2/250	813	TRANS	QB2/250	813	TRANS	QW05/25	807	IR
NU-813	813	TRANS	P-820	7038	VID	QB3/300	4D21/4-125A	TRANS	QB3/300	4D21/4-125A	TRANS	QW06/20	6146A	IR

Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type
QV06-20	IR	6146B/8298A	RK63/A	TRANS	250TH	SR55	IR	OB3	TH6220	THYR	C6I/K-NE			
QV06-20B	IR	6883A	RK-807	IR	807	SR55	IR	OB2	TH6220	THYR	C6I/K/5685			
QV06/20B	IR	6883B/8032A/8552	RK-811A	TRANS	811A	SR-55	IR	OB2	TH-6220	THYR	6807			
QV06/50	IR	807	RK-813	TRANS	813	SR-56	IR	0A2	TH6220A	THYR	C6I/K/5685			
QV07-40	TRANS	829B	RK-816	RECT	816	SRS-455	TRANS	4D21/4-125A	TH6220A	THYR	C6I/K-NE			
QV1/150	TRANS	4X150A/7034	RK-829	TRANS	829B	SRS-4451	TRANS	5894/5894A	TH-6220A	THYR	6807			
QV1-150A	TRANS	4X150A/7034	RK-829B	TRANS	829B	STI-1000/2.5-15	THYR	5559/FG57	TH-6230	THYR	3C23			
QV3-125	TRANS	4D21/4-125A	RK-832	TRANS	832A	STI-2500/6/40	THYR	FG-105	TH-7020	IGNI	GL-5551A			
QV3-125	TRANS	4-250A/5D22	RK-832A	TRANS	832A	STR108/30	IR	OB2	TH-7021	IGNI	GL-5551A			
QV4-250	TRANS	4-400A/8438	RK-832A	TRANS	832A	STR150/30	IR	0A2	TH-7030	IGNI	GL-5552A			
QV4-400	TRANS	4X500A	RK836	RECT	836	STV108/30	IR	OB2	TH-7031	IGNI	GL-5552A			
QV4-500A	TRANS	4X500A	RK-866	RECT	866A	STV150/30	IR	0A2	TH-7040	IGNI	GL-5553B			
QV53000A	TRANS	6076	RK-866A	RECT	866A	SV-2C39A	PT	2C39A	TH-7041	IGNI	GL-5553B			
R31A	PHOTO	927	RK-872A	RECT	872A	T125	TRANS	810	TM12	IR	617			
R61A	PHOTO	930	RK-2050	THYR	2050A/2050	T160L	TRANS	572B/T160L	TQ1/2	THYR	3C23			
R845	TRANS	845	RK-2051	THYR	2050A/2050	T200	TRANS	HF200/HV18/T200	TQ2	THYR	5557/FG17/715			
R-6146	RECT	8008	RL-17	THYR	5557/FG17/715	T300	TRANS	HF300/KU23/T300	TQ-112	THYR	3C23			
R6175B	IR	5R4GB	RL21	THYR & IR	5727	T717	THYR	5557/FG17/715	TS-0B2	IR	0B2			
R6200	IR & THYR	2D21	RL-21	IR & THYR	2D21	T805	TRANS	805	TS-51	IR	5654/6AK5W			
RC891	TRANS	891	RL-57	THYR	5559/FG57	T-810	TRANS	810	TSZ29	IR	5687,WA,WB			
RCA805	TRANS	805	RL100/2K	TRANS	813	T-813	TRANS	813	TS-807	IR	807			
RCA-862	TRANS	862A	RL-105	THYR	FG-105	T-829B	TRANS	829B	TS-6336A	TRANS	8336A			
RCA-863	TRANS	863	RL-1267	IR	0A4G	T830B	TRANS	830-B	TT10	TRANS	813			
RCA-866A	RECT	866A	RR3-250	RECT	3B28	T-832A	TRANS	832A	TT16	TRANS	4D21/4-125A			
RCA872A	RECT	872A	RS-685	TRANS	4D21/4-125A	T845	TRANS	845	TT16D	TRANS	4D21/4-125A			
RCA891R	TRANS	891R	RS-1007	TRANS	4D21/4-125A	T-845-B	TRANS	845	TT-17	THYR	5557/FG17/715			
RCA892R	TRANS	892R	RS-1009	TRANS	5894/5894A	T866A/866	RECT	866A	TT-18	TRANS	829B			
RE-125A	TRANS	4D21/4-125A	RS-1020	IR	6360	T-866A/866	RECT	866A	TZ63	IR	617			
RE-400F	TRANS	4-400A/8438	RS1029	IR	6360	T872A/872	RECT	872A	TVIA	TRANS	892			
RE-20A	TRANS	829B	RX21A	RECT	RX21A	T873	THYR	873	TVIB	TRANS	833A			
RE-30B	TRANS	5894/5894A	RX21A/RX21	RECT	RX21A	T-875A	RECT	575A	TVTG	TRANS	5606			
REL-34	PT	2C40A	RX-212	RECT	627	TD05-12	RECT	2C46	TVTP	TRANS	356/5771			
RG3-250A	RECT	866A	RY12-100	RECT	8020W	TD1-100	PT	2C39A	TX-2/3	THYR	5544/734			
RG3-250A/866	RECT	866A	S-856	IR	0A2	TD3-12	PT	2C42	TX-2/6	THYR	C6I/K-NE			
RG250/3000	RECT	866A	S-860	IR	0B2	TD1320	VID	7038	TX-2/6	THYR	C6I/K/5685			
RG-1000/3000	RECT	872A	S901C	IR	5651	TE-35	IR	5654/6AK5W	TX-2/6	THYR	6807			
RK-0A3/VR175	IR	0A3	S-1300-01-05	IR & THYR	2D21	TE-54	IR	5687,WA,WB	TX-44-5	THYR	5665/C161			
RK-0A4G	IR	0A4G	SBS	IGNI	GL-5551A	TE-57	THYR	5559/FG57	TX-920	THYR	5559/FG57			
RK-0B2	IR	0B2	SCS	IGNI	GL-5552A	TGRA	RECT	575A	TXM100	IR & THYR	2D21			
RK-2E26	IR	2E26	SDR	IGNI	GL-5555	TGRB	RECT	872A	TY4-350	TRANS	833A			
RK-4D21	TRANS	4D21/4-125A	SDS	IGNI	GL-5553B	TGRG	RECT	563A	TY4-350Z	TRANS	833A			
RK-R72	RECT	4B1B	SM150-30	IR	0A2	TH813	TRANS	813	U78	IR	6202			
RK-25B	IR	807	SN-956	IR	5642	TH-5012B	RECT	866A	UE-3828	RECT	3828			
RK36	TRANS	100TL	SN-956A	IR	5642	TH5021B	RECT	866A	UE-3C23	THYR	3C23			
RK39	IR	807	SN-956B	IR	5642	TH-5031B	RECT	872A	UE-810	TRANS	810			
RK-39	IR	807	SN-976	IR	5902	TH-5071	RECT	GL-857B	UE-812	TRANS	812A			
RK-39	IR	807	SN-976	IR	5902	TH-5221V/B	RECT	3B28	UE-813	TRANS	813			
RK-39	IR	807	SN-979	IR	5718	TH-6011	THYR	5557/FG17/715	UE-833A	TRANS	833A			
RK-39	IR	807	SN-979D	IR	5718	TH-6031	THYR	5559/FG57	UE845	TRANS	845			
RK57	TRANS	805	SN994B	IR	5896	TH-6120	THYR	FG-105	UE-866A	RECT	866A			

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Type to be Replaced	Tube Class	SE Replacement Type	Type to be Replaced	Tube Class	SE Replacement Type	Type to be Replaced	Tube Class	SE Replacement Type	Type to be Replaced	Tube Class	SE Replacement Type	Type to be Replaced	Tube Class	SE Replacement Type
UE-872A	RECT	872A	VR150MT	IR	0A2	WE-272	THYR	5557/FG17/7115	WL-17	THYR	5557/FG17/7115	WL-104	RECT	5561/FG104
UE-880	TRANS	880/5658	VR150ST	IR	0D3/VR150	WE-274B	IR	5R4GB	WL-32	THYR	5558/FG-32	WL-105	THYR	FG-105
UE-889RA	TRANS	889RA/5667	VR150	IR	0D3/VR150	WE-290A	TRANS	290/A	WL-33	THYR	5720	WL-172	THYR	FG-172
UE-891	TRANS	891	VR150-30	IR	0D3/VR150	WE-319A	RECT	872A	WL-57	THYR	5559/FG57	WL-172	TRANS	8295A/172
UE-891R	TRANS	891R	VR-216A	RECT	866A	WE-331-A	TRANS	805	WL-81A	THYR	FG-81A	WL-172	TRANS	5842/417A
UE-892	TRANS	892	VT39A	RECT	GL-869B	WE-366A	RECT	866A	WL-104	RECT	5561/FG104	WL-172	TRANS	5842/417A
UE-892R	TRANS	892R	VT42	RECT	872A	WE-371B	RECT	371B	WL-105	THYR	FG-105	WL-172	TRANS	5842/417A
UE-905	TRANS	805	VT42A	RECT	872A	WE-393A	THYR	393A	WL-172	THYR	FG-172	WL-172	TRANS	8295A/172
UE905A	TRANS	805	VT-43	TRANS	845	WE-403	IR	5654/6AK5W	WL-172	TRANS	8295A/172	WL-172	TRANS	5842/417A
UE930B	TRANS	830-B	VT46	RECT	866A	WE-403A	IR	5654/6AK5W	WL-172	TRANS	8295A/172	WL-172	TRANS	5842/417A
UE945	TRANS	845	VT46A	RECT	866A	WE-409A	IR	6A56	WL-450	TRANS	450TH	WL-450	TRANS	450TH
UE-966	RECT	866A	VT53	RECT	872A	WE-414	THYR	GL-414	WL-460	TRANS	HE200/HV18/T200	WL-460	TRANS	HE200/HV18/T200
UE-966A	RECT	866A	VT60	IR	807	WE417A	TRANS	5842/417A	WL-463	TRANS	HF300/KU23/T300	WL-463	TRANS	HF300/KU23/T300
UE-967	THYR	5557/FG17/7115	VT60A	IR	807	WE899A	TRANS	889RA/5667	WL-473	TRANS	5736/473	WL-473	TRANS	5736/473
UE-972	RECT	872A	VT83	IR	83	WL-C6H-1	THYR	C6J/K-NE	WL-481	RECT	481B	WL-481	RECT	481B
UE-972A	RECT	872A	VT88	TRANS	832A	WL-C6H-1	THYR	6807	WL-481A	RECT	481B	WL-481A	RECT	481B
UE973	THYR	873	VT90(BR./)8011	THYR	7725/710A	WL-C6H-1	THYR	C6J/K/5685	WL-481B	RECT	481B	WL-481B	RECT	481B
UE-975A	RECT	575A	VT100	IR	807	WL-C6H-2	THYR	C6J/KP	WL-502A	THYR	2050A/2050	WL-502A	THYR	2050A/2050
UE-8008	RECT	8008	VT-107	IR	6V6	WL-C6H-2	THYR	6808	WL535	TRANS	304TH	WL535	TRANS	304TH
UL-905	THYR	5559/FG57	VT-108	TRANS	450TH	WL-C6H-3	THYR	6809	WL-575	RECT	575A	WL-575	RECT	575A
UV845	TRANS	845	VT115A	IR	5881	WL-C6H-3	THYR	6989/C6J/KL	WL-575A	RECT	575A	WL-575A	RECT	575A
UV-869	RECT	GL-869B	VT116	IR	5693	WL-0A2	IR	0A2	WL-578	RECT	8020W	WL-578	RECT	8020W
UV-869A	RECT	GL-869B	VT118	TRANS	832A	WL-0A3	IR	0A3	WL-579	RECT	579B	WL-579	RECT	579B
UX-866	RECT	866A	VT-133	IR	12SR7	WL-0B2	IR	0B2	WL-579A	RECT	579B	WL-579A	RECT	579B
UX-866A	RECT	866A	VT139	IR	0D3/VR150	WL-0B3	IR	0B3	WL-579B	RECT	579B	WL-579B	RECT	579B
UX973	THYR	873	VT139	VR	0D3A	WL-0C3	IR	0C3/VR105	WL-616	RECT	5575/100/616	WL-616	RECT	5575/100/616
UXCV11	TRANS	873A	VT-143	TRANS	805	WL-0D3	IR	0D3/VR150	WL-627	RECT	627	WL-627	RECT	627
UY807	IR	807	VT-144	TRANS	813	WL-1P39	PHOTO	1P39	WL-630	THYR	2050A/2050	WL-630	THYR	2050A/2050
V2M70	IR	6202	VT-187	RECT	575A	WL-1P40	PHOTO	1P40	WL-630A	THYR	2050A/2050	WL-630A	THYR	2050A/2050
V40	RECT	8020W	VT-200	IR	0C3/VR105	WL-2C39	PT	2C39A	WL-631	THYR	5559/FG57	WL-631	THYR	5559/FG57
V-1103	IR	6360	VT-216	RECT	816	WL-2C39A	PT	2C39A	WL-632A	THYR	632B	WL-632A	THYR	632B
VE-872A	RECT	872A	VT-218	TRANS	100TH	WL-2C39B	PT	2C39B/6897	WL-632B	THYR	632B	WL-632B	THYR	632B
VE-8008	RECT	8008	VT-220	TRANS	250TH	WL-2D21	THYR & IR	5727	WL-651	IGNI	GL-5552A	WL-651	IGNI	GL-5552A
VH550A	RECT	866A	VT-229	IR	5691	WL-2D21	IR & THYR	2D21	WL-652	IGNI	GL-5551A	WL-652	IGNI	GL-5551A
VH550H	RECT	866A	VT-231	IR	5692	WL-2E24	TRANS	2E24	WL-653	IGNI	GL-5555	WL-653	IGNI	GL-5555
VH-7400	RECT	872A	VT-236	RECT	836	WL-2E26	IR	2E26	WL-653A	IGNI	GL-5555	WL-653A	IGNI	GL-5555
VJ-5551	IGNI	GL-5551A	VT-240	THYR	7725/710A	WL-3B22	RECT	3B22	WL-653B	IGNI	GL-5555	WL-653B	IGNI	GL-5555
VJ-5552A	IGNI	GL-5552A	VT245	THYR	2050A/2050	WL-3C23	THYR	3C23	WL-655	IGNI	GL-5553B	WL-655	IGNI	GL-5553B
VJ-5553B	IGNI	GL-5553B	VT-245	THYR	2050A/2050	WL-3X2500A3	TRANS	3CX2500A3/8161	WL-655/658	IGNI	GL-5553B	WL-655/658	IGNI	GL-5553B
VR75/ST	IR	0A3	VT-246	PHOTO	918	WL-3X2500F3	TRANS	3CX2500F3/8251	WL-656	IGNI	GL-5552A	WL-656	IGNI	GL-5552A
VR75	IR	0A3	VT-252	PHOTO	923	WL-4-400A	TRANS	4-400A/8438	WL-657	IGNI	GL-5551A	WL-657	IGNI	GL-5551A
VR75/30	IR	0A3	VT-254	TRANS	304TH	WL-4-1000A	TRANS	4-1000A/8166	WL-658	IGNI	GL-5553B	WL-658	IGNI	GL-5553B
VR90ST	IR	0B3	VT-259	TRANS	829B	WL-4B24	RECT	604/7014	WL-670	RECT	606/7016	WL-670	RECT	606/7016
VR90	IR	0B3	VT-260	IR	0A3	WL-4B24/3C	RECT	604/7014	WL-672	THYR	672A	WL-672	THYR	672A
VR90-30	IR	0B3	VT-286	TRANS	832A	WL-4D21	TRANS	4D21/4-125A	WL-672A	THYR	672A	WL-672A	THYR	672A
VR105MT	IR	0B3	VT-288	IR	12SH7	WL-4X150A	TRANS	4X150A/7034	WL-673	RECT	673	WL-673	RECT	673
VR105ST	IR	0C3/VR105	VX500A	RECT	3B28	WL-4X500A	TRANS	4X500A	WL-677	THYR	677	WL-677	THYR	677
VR105T	IR	0C3/VR105	W63	IR	6K7	WL-5C21	THYR	6807	WL-678	THYR	678	WL-678	THYR	678
VR105	IR	0C3/VR105	W727	IR	6660/6BA6	WL-5C21	THYR	C6J	WL-679	IGNI	GL-5554	WL-679	IGNI	GL-5554
VR105-30	IR	0C3/VR105	WE-17	THYR	5557/FG17/7115	WL-5D22	TRANS	4-250A/5D22	WL-681	IGNI	GL-5550	WL-681	IGNI	GL-5550

Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type
WL-681/686	IGNI	GL-5550	WL-5552	IGNI	GL-5552A	WL-5691	IR	5691	WL-5691	IR	5691	WL-5691	IR	5691
WL-682	IGNI	GL-5550	WL-5552A	IGNI	GL-5552A	WL-5692	IR	5692	WL-5692	IR	5692	WL-5692	IR	5692
WL-686	IGNI	GL-5550	WL-5552A/651	IGNI	GL-5552A	WL-5693	IR	5693	WL-5693	IR	5693	WL-5693	IR	5693
WL-688	IGNI	GL-5564	WL-5552A/651/PC	IGNI	GL-5552A/PC	WL-5696	IR & THYR	5696A	WL-5696	IR & THYR	5696A	WL-5696	IR	5696A
WL-735	PHOTO	868	WL-5552AP	IGNI	GL-5552A/PC	WL-5718	IR	5718	WL-5718	IR	5718	WL-5718	IR	5718
WL-741	PHOTO	923	WL-5553	IGNI	GL-5553B	WL-5720	THYR	5720	WL-5720	THYR	5720	WL-5720	IR	5720
WL-759	TRANS	759	WL-5553A/655	IGNI	GL-5553B	WL-5727	IR & THYR	5727	WL-5727	IR & THYR	5727	WL-5727	IR	5727
WL-805	TRANS	805	WL-5553B	IGNI	GL-5553B	WL-5736	TRANS	5736/473	WL-5736	TRANS	5736/473	WL-5736	IR	5736
WL-807	IR	807	WL-5553B/PC	IGNI	GL-5553B/PC	WL-5751	IR	5751	WL-5751	IR	5751	WL-5751	IR	5751
WL-810	TRANS	810	WL-5553B/655	IGNI	GL-5553B	WL-5763	IR	5763	WL-5763	IR	5763	WL-5763	IR	5763
WL-811	TRANS	811A	WL-5553B/655/PC	IGNI	GL-5553B/PC	WL-5771	TRANS	5771	WL-5771	TRANS	5771	WL-5771	IR	5771
WL-811A	TRANS	811A	WL-5554	IGNI	GL-5554	WL-5796	THYR	5796	WL-5796	THYR	5796	WL-5796	IR	5796
WL-812	TRANS	812A	WL-5554/679	IGNI	GL-5554	WL-5814A	IR	5814A	WL-5814A	IR	5814A	WL-5814A	IR	5814A
WL-812A	TRANS	812A	WL-5555	IGNI	GL-5555	WL-5822	IGNI	5822A	WL-5822	IGNI	5822A	WL-5822	IR	5822
WL-813	TRANS	813	WL-5555/653B	IGNI	GL-5555	WL-5822A	IGNI	5822A	WL-5822A	IGNI	5822A	WL-5822A	TRANS	5822A
WL-816	RECT	816	WL-5555A	IGNI	GL-6513	WL-5823	IR	5823	WL-5823	IR	5823	WL-5823	TRANS	5823
WL-828	TRANS	828	WL-5557	THYR	5557/FG17/715	WL-5824	IR	5824	WL-5824	IR	5824	WL-5824	THYR	5824
WL-829B	TRANS	829B	WL-5557/17	THYR	5557/FG17/715	WL-5877	THYR	5544/734	WL-5877	THYR	5544/734	WL-5877	THYR	5877
WL-832A	TRANS	832A	WL-5558	RECT	5558/FG-32	WL-5878	THYR	6807	WL-5878	THYR	6807	WL-5878	THYR	6807
WL-833	TRANS	833A	WL-5558/32	RECT	5558/FG-32	WL-5881	IR	5881	WL-5881	IR	5881	WL-5881	THYR	5881
WL-833A	TRANS	833A	WL-5559	THYR	5559/FG57	WL-5886	IR	5886	WL-5886	IR	5886	WL-5886	THYR	5886
WL-845	TRANS	845	WL-5559/57	THYR	5559/FG57	WL-5894	TRANS	5894/5894A	WL-5894	TRANS	5894/5894A	WL-5894	THYR	5894
WL-857B	RECT	GL-857B	WL-5561	RECT	5561/FG104	WL-5902	IR	5902	WL-5902	IR	5902	WL-5902	THYR	5902
WL-866A	RECT	866A	WL-5561/104	RECT	5561/FG104	WL-5918A	TRANS	5918A	WL-5918A	TRANS	5918A	WL-5918A	THYR	5918A
WL-869B	RECT	GL-869B	WL-5559	THYR	5559/FG57	WL-5963	IR	5963	WL-5963	IR	5963	WL-5963	THYR	5963
WL-869B	RECT	GL-869B	WL-5559/57	THYR	5559/FG57	WL-5964	IR	5964	WL-5964	IR	5964	WL-5964	THYR	5964
WL-872	RECT	872A	WL-5561	RECT	5561/FG104	WL-5965	IR	5965A	WL-5965	IR	5965A	WL-5965	THYR	5965
WL-872A	RECT	872A	WL-5561/104	RECT	5561/FG104	WL-6011	THYR	710/6011	WL-6011	THYR	710/6011	WL-6011	IR	6011
WL-872A/872	RECT	872A	WL-5575	RECT	5575/100/616	WL-6012	THYR	6012	WL-6012	THYR	6012	WL-6012	IR	6012
WL-880	TRANS	880/5658	WL-5576	RECT	5576/200	WL-6014	THYR	6014/CIK	WL-6014	THYR	6014/CIK	WL-6014	RECT	6014
WL-889R	TRANS	889RA/5667	WL-5604	TRANS	5604	WL-6072	IR	6072A	WL-6072	IR	6072A	WL-6072	TRANS	6072
WL-889RA	TRANS	889RA/5667	WL-5606	TRANS	5606	WL-6080	IR	6080	WL-6080	IR	6080	WL-6080	RECT	6080
WL-891	TRANS	891	WL-5606A	TRANS	5606A	WL-6136	IR	6136	WL-6136	IR	6136	WL-6136	RECT	6136
WL-891R	TRANS	891R	WL-5619	TRANS	5619	WL-6146	IR	6146A	WL-6146	IR	6146A	WL-6146	RECT	6146
WL-892	TRANS	892	WL-5632	THYR	5632/C3J	WL-6146A	IR	6146A	WL-6146A	IR	6146A	WL-6146A	RECT	6146A
WL-892R	TRANS	892R	WL-5651	IR	5651	WL-6166A	TRANS	7007	WL-6166A	TRANS	7007	WL-6166A	RECT	615
WL-922	PHOTO	922	WL-5654/6AK5W	IR	5654/6AK5W	WL-6189	IR	6189/12AU7WA	WL-6189	IR	6189/12AU7WA	WL-6189	RECT	615
WL-927	PHOTO	927	WL-5654/6AK5W	IR	5654/6AK5W	WL-6197	IR	6197	WL-6197	IR	6197	WL-6197	RECT	615
WL-929	PHOTO	1P39	WL-5658	TRANS	880/5658	WL-6201	IR	6201	WL-6201	IR	6201	WL-6201	RECT	615
WL-930	PHOTO	930	WL-5665	THYR	5665/C16J	WL-6336A	TRANS	6336A	WL-6336A	TRANS	6336A	WL-6336A	RECT	615
WL-931A	PHOTO	931A	WL-5667	TRANS	889RA/5667	WL-6420	TRANS	6420	WL-6420	TRANS	6420	WL-6420	RECT	615
WL-2050	THYR	2050A/2050	WL-5668	TRANS	5668	WL-6421	TRANS	6421	WL-6421	TRANS	6421	WL-6421	RECT	615
WL-2050A	THYR	2050A/2050	WL-5669	TRANS	5669	WL-6421F	TRANS	6421F	WL-6421F	TRANS	6421F	WL-6421F	RECT	615
WL-5513	TRANS	GL-5513	WL-5684NE	THYR	5684-NE	WL-6423	TRANS	6423	WL-6423	TRANS	6423	WL-6423	RECT	615
WL-5550	IGNI	GL-5550	WL-5685	THYR	C6J/K/5685	WL-6423F	TRANS	6423F	WL-6423F	TRANS	6423F	WL-6423F	RECT	615
WL-5550/681	IGNI	GL-5550	WL-5685	THYR	C6J/K-NE	WL-6424	TRANS	6424	WL-6424	TRANS	6424	WL-6424	RECT	615
WL-5550/681/686	IGNI	GL-5550	WL-5685/C6J/A	THYR	6807	WL-6425	TRANS	6425	WL-6425	TRANS	6425	WL-6425	RECT	615
WL-5551	IGNI	GL-5551A	WL-5685/C6J/A	THYR	C6J/K/5685	WL-6425F	TRANS	6425F	WL-6425F	TRANS	6425F	WL-6425F	RECT	615
WL-5551A	IGNI	GL-5551A	WL-5685/C6J/A	THYR	C6J/K-NE	WL-6426	TRANS	6426	WL-6426	TRANS	6426	WL-6426	RECT	615
WL-5551A/PC	IGNI	6L-5551A/PC	WL-5687,WA,WB	IR	5687,WA,WB	WL-6427	TRANS	6427	WL-6427	TRANS	6427	WL-6427	RECT	615

This interchangeability listing has been prepared to help you find a GE replacement for your tube requirements. It is believed to be accurate as of date issued. However, no responsibility is assumed by the General Electric Company for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Type to be Replaced	Tube Class	6E Replacement Type	Type to be Replaced	Tube Class	6E Replacement Type	Type to be Replaced	Tube Class	6E Replacement Type	Type to be Replaced	Tube Class	6E Replacement Type
WL-7509/710L	THYR	710L/7518	WT210-0038	THYR	FG-172	WT210-0165	IGNI	GL-5553B	WT-1009	IGNI	GL-7681
WL-7509A	THYR	710L/7518	WT-210-0038	TRANS	8295A/172	WT210-0166	IGNI	GL-7151	WT-1009/210/0246	IGNI	GL-7681
WL-7509A/710L	THYR	710L/7518	WT210-0040	IR	6202	WT210-0170	IGNI	GL-5822A	WT-1022/210/0170	IGNI	GL-5822A
WL-7556	THYR	7556A-NE	WT210-0043	THYR	5632/C3J	WT210-0179	THYR	6859/760	WT-1051A/210/0158	IGNI	GL-5551A
WL-7556	THYR	C3J/AL/7556A	WT-210-0043	THYR	5796	WT210-0181	THYR	6809	WT-1051A/210/0244	IGNI	GL-5551A/PC
WL-7556A	THYR	7556A-NE	WT210-0044	RECT	579A	WT-210-0183	THYR	C3J/AL/7556A	WT-1052A/210/0159	IGNI	GL-5552A
WL-7556A	THYR	C3J/AL/7556A	WT210-0045	TRANS	892	WT-210-0183	THYR	7556A-NE	WT-1052P/210/0252	IGNI	GL-5552A/PC
WL-7556A	THYR	C3J/AL/7556	WT210-0047	THYR	3C23	WT210-0188	THYR	6014/C1K	WT-1053A/210/0165	IGNI	GL-5553B
WL-7669	IGNI	GL-7669	WT210-0051	IR	0A2	WT210-0234	THYR	5665/C16J	WT-1053P	IGNI	GL-5553B/PC
WL-7669/PC	IGNI	GL-7669/PC	WT210-0056	THYR	5559/FG57	WT210-0235	IGNI	GL-5552A	WT-5550	IGNI	GL-5550
WL-7670	IGNI	GL-7670	WT210-0057	THYR	5560/FG95	WT210-0237	IGNI	GL-5551A	WT-5550/210-0070	IGNI	GL-5550
WL-7671	IGNI	GL-7671	WT-210-0058	THYR	KU-676	WT210-0240	IGNI	GL-5553B	WT-5551	IGNI	GL-5551A
WL-7671/PC	IGNI	GL-7671/PC	WT-210-0059	THYR	677	WT210-0245	THYR	6808	WT-5552	IGNI	GL-5552A
WL-7673/PC	IGNI	GL-7673/PC	WT210-0062	THYR	5557/FG17/715	WT210-0246	IGNI	GL-7681	WT-100	IR	6202
WL-7681	IGNI	GL-7681	WT-210-0063	THYR	C6J/W/5685	WT210-0249	IGNI	GL-5551A/PC	WT-103	IR	6H6
WL-7703	IGNI	GL-7703	WT210-0066	THYR	5685/C16J	WT210-0252	IGNI	GL-5552A/PC	WT-104	RECT	579A
WL-7735A	VID	7735A	WT210-0067	THYR	393A	WT210-0258	IGNI	GL-7681	WT-105	TRANS	892
WL-8005	TRANS	8005	WT210-0069	THYR	5557/FG17/715	WT210-0263	IGNI	GL-8205	WT-106	THYR	5632/C3J
WL-8008	RECT	8008	WT-210-0070	IGNI	GL-5550	WT210-0274	IGNI	GL-7669	WT-108	THYR	3C23
WL-8020	RECT	8020W	WT210-0071	IGNI	GL-5551A	WT210-0275	IGNI	GL-7671	WT-111	THYR	5559/FG57
WL-8032A	IR	6883B/8032A/8552	WT210-0072	IGNI	GL-5552A	WT210-0281	IGNI	GL-7998	WT-112	THYR	5560/FG95
WL-8043	THYR	8043	WT210-0073	IGNI	GL-5553B	WT210-0283	IGNI	GL-7670	WT-117	THYR	5557/FG17/715
WL-8298	IR	6146B/8298A	WT210-0074	THYR	FG-105	WT210-0285	IGNI	GL-7671/PC	WT-118	THYR	FG-105
WL-8306	IGNI	GL-7171	WT210-0075	IGNI	GL-5822A	WT210-0290	IGNI	GL-7669/PC	WT-119	TRANS	8295A/172
WL-22994	THYR	5544/734	WT210-0077	THYR & IR	5727	WT210-3000	THYR & IR	5727	WT-119	THYR	FG-172
WL-23011	IGNI	GL-5551A	WT210-0077	IR	5725/6AS6W	WT230	THYR	873	WT-122	IR	5693
WL-23011/PC	IGNI	GL-5551A/PC	WT210-0078	THYR	FG-172	WT-246	THYR	2050A/2050	WT-127	TRANS	833A
WL-23012	IGNI	GL-5552A	WT-210-0078	TRANS	8295A/172	WT-261	IR	6H6	WT-132	IR	0A4G
WL-23013	IGNI	GL-7673	WT210-0079	THYR	FG-105	WT-261	THYR	6H6	WT-133	THYR	393A
WL-23013	IGNI	GL-5553B	WT210-0081	IR	5693	WT-261A	IR	6H6	WT-134	THYR	5665/C16J
WL-23013/PC	IGNI	GL-5553B/PC	WT210-0086	TRANS	833A	WT-262	RECT	866A	WT-139	THYR	6807
WL-23014	IGNI	GL-7669	WT210-0091	IR	0A4G	WT-269	IR	0C3/VR105	WT-149	TRANS	8295A/172
WL-23014/PC	IGNI	GL-7669/PC	WT-210-0093	TRANS	5668	WT-272	THYR	5557/FG17/715	WT-149	THYR	FG-172
WL-23015	IGNI	GL-7671	WT210-0100	THYR	672A	WT-272A	THYR	5557/FG17/715	WT-139	THYR	C6J
WL-23016	IGNI	GL-7681	WT210-0106	THYR	5632/C3J	WT-274	IR	0B3	WX-3141	THYR	KU-676
WL-23017	IGNI	GL-7673	WT210-0108	IR	6080	WT-280	THYR	6807	WX-3172	THYR	672A
WL-23018	IGNI	GL-7673	WT210-0116	THYR	5560/FG95	WT294	VR	0D3A	WX-3187	THYR	GL-414
WL-23102	TRANS	102A/23102	WT-210-0120	THYR	KU-610	WT-294	IR	0D3/VR150	WX-3194	IGNI	GL-5550
WT210-0001	THYR & IR	5727	WT210-0134	THYR	678	WT-301	IR	83	WX-3230	THYR	678
WT210-0001	IR & THYR	2D21	WT210-0137	THYR	2050A/2050	WT-301	RECT	615	WX-3751	RECT	866A
WT210-0004	THYR	2050A/2050	WT210-0141	THYR	5632/C3J	WT-382	RECT	872A	X77	IR	5750/6BE6W
WT210-0006	IR	6H6	WT-210-0141	THYR	5796	WT-390	IR	6C5	X-103	TRANS	4D21/4-125A
WT210-0008	RECT	866A	WT210-0147	IGNI	GL-5552A	WT-439	TRANS	8295A/172	X103	TRANS	6155
WT210-0011	IR	0C3/VR105	WT210-0149	IGNI	GL-5551A	WT-439	THYR	FG-172	X-117	TRANS	4-250A/5D22
WT210-0015	THYR	5557/FG17/715	WT210-0152	IGNI	GL-5553B	WT-606	IR & THYR	2D21	X4240	TRANS	4X150A/7034
WT210-0016	IR	0B3	WT210-0156	IGNI	GL-5551A	WT606	THYR & IR	5727	X474	PT	2C39A
WT210-0018	VR	0D3A	WT210-0157	IGNI	GL-5552A	WT-630	THYR	2050A/2050	X474	PT	2C39WA/7289
WT210-0018	IR	0D3/VR150	WT210-0158	IGNI	GL-5551A	WT-631	THYR	5559/FG57	XB-767	THYR	2050A/2050
WT210-0019	IR	83	WT210-0159	IGNI	GL-5552A	WT-635	THYR	6807	XB-767A	THYR	2050A/2050
WT210-0027	RECT	872A	WT210-0162	THYR	710L/7518	WT-699	IGNI	GL-5550	XG1-2500	THYR	5559/FG57

Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type
XG5-500	THYR	5557/FG17/715	1R21	IGNI	GI-5550	3B25	RECT	3B28	3CX15,000A3	TRANS	3CX15,000A3	3CX15,000A7	TRANS	3CX15,000A3
XG2-6400	THYR	FG-105	2-01C	TRANS	2-01C	3B27	RECT	3B28	3CX15,000H3	TRANS	3CX15,000A7	3CX15,000A7	TRANS	3CX15,000H3
XRI-3200	THYR	5544/734	2-100A/100R	RECT	8020W	3B28	RECT	3B28	3CX20,000A3	TRANS	3CX20,000A7	3CX20,000A7	TRANS	3CX20,000A3
XRI-6400	THYR	C6/K-NE	2-250A/250R	TRANS	250R	3B29	RECT	3B29	3CX20,000A3	TRANS	3CX20,000A7	3CX20,000A7	TRANS	3CX20,000A3
XRI-6400	THYR	C6/K/5685	2AC15	RECT	623	3B29	RECT	3B29	3CX20,000A3	TRANS	3CX20,000A7	3CX20,000A7	TRANS	3CX20,000A3
XRI-6400	THYR	6807	2B/250A	IR	807	3C24	TRANS	3C24	3CX20,000A7	TRANS	3CX20,000A7	3CX20,000A7	TRANS	3CX20,000A7
XRI-6400A	THYR	C6/K-NE	2B22	PD	2B22	3CPN10A5	TRANS	7815	3E21	TRANS	3E21	3E21	TRANS	829B
XRI-6400A	THYR	C6/K/5685	2B29	TRANS	829B	3CPX100A5	TRANS	7815R	3E29	TRANS	3E29	3E29	TRANS	829B
XRI-6400A	THYR	6807	2B32	TRANS	832A	3CW5000A3	TRANS	3CW5000A3/8242	3E29	TRANS	3E29	3E29	TRANS	829B
YL-1371	IR	6883B/8032A/8552	2B46	IR	6146A	3CW5000A3/8242	TRANS	3CW5000A3/8242	3E29	TRANS	3E29	3E29	TRANS	829B
YL1370	IR	6146B/8298A	2B94	TRANS	5894/5894A	3CW5000F1	TRANS	3CW5000F1/8241	3G501A	THYR	C6/K/5685	3G501A	THYR	6807
Z63	IR	617	2C38	PT	2C39A	3CW5000F1/8241	TRANS	3CW5000F1/8241	3G501A	THYR	6807	3G501A	THYR	6807
Z225	RECT	866A	2C39	PT	2C39A	3CW5000F3	TRANS	3CW5000F3/8243	3G501A	THYR	6807	3G501A	THYR	6807
Z300T	IR	0A4G	2C39A	PT	2C39A	3CW5000F3/8243	TRANS	3CW5000F3/8243	3H150J	PT	2C39B/6897	3H150J	PT	2C39B/6897
Z900T	IR	5823	2C39A	PT	2C39A	3CW5000H3	TRANS	3CW5000H3	3H151J	PT	2C39B/6897	3H151J	PT	2C39B/6897
Z1494	IR	5654/6AK5W	2C39B	TRANS	6897/2C39B	3CW10,000A3	TRANS	3CW10,000A3	3SU103	RECT	3B28	3SU103	RECT	3B28
Z1750	IR	5750/6BE6W	2C39B	PT	2C39B/6897	3CW10,000H3	TRANS	3CW10,000H3	3V390A	THYR	5559/FG57	3V390A	THYR	5559/FG57
Z1911	PT	6442	2C39B/6897	PT	2C39B/6897	3CW20,000A1	TRANS	3CW20,000A1	3X100A5	PT	2C39A	3X100A5	PT	2C39A
Z2104	IR	5654/6AK5W	2C39BA	PT	2C39BA	3CW20,000A3	TRANS	3CW20,000A3	3X100A11	PT	2C39B/6897	3X100A11	PT	2C39B/6897
Z-5053	TRANS	GL-6942	2C39WA	PT	2C39BA	3CW20,000A7	TRANS	3CW20,000A7	3X100A11	PT	2C39B/6897	3X100A11	PT	2C39B/6897
Z-7911	VID	Z-7911	2C39WA	PT	2C39WA/7289	3CW30,000H3	TRANS	3CW30,000H3	3X2500A3	TRANS	3CX2500A3/8161	3X2500A3	TRANS	3CX2500A3/8161
Z-7912	VID	Z-7912	2C39WA/7289	PT	2C39WA/7289	3CW40,000H3	TRANS	3CW40,000H3	3X2500F3	TRANS	3CX2500F3/8251	3X2500F3	TRANS	3CX2500F3/8251
Z-7933	VID	Z-7933	2C39WB	PT	2C39WB	3CX100A5	TRANS	3CX100A5	3-25D3/25TG	TRANS	3-25D3/25TG	3-25D3/25TG	TRANS	3-25D3/25TG
Z-7963	VID	Z-7963	2C4	IR & THYR	5896A	3CX100A5	TRANS	3CX100A5	3-50A4/35T	TRANS	3-50A4/35T	3-50A4/35T	TRANS	3-50A4/35T
Z-7975 IND.	VID	Z-7975 IND.	2C40	PT	2C40A	3CX1000A7	TRANS	3CX1000A7	3-100A2/100TL	TRANS	3-100A2/100TL	3-100A2/100TL	TRANS	3-100A2/100TL
Z-7975 IND.RB	VID	Z-7975 IND.RB	2C40A	PT	2C40A	3CX1000A7/8283	TRANS	3CX1000A7/8283	3-100A4/100TH	TRANS	3-100A4/100TH	3-100A4/100TH	TRANS	3-100A4/100TH
Z-7975A	VID	Z-7975A	2C42	PT	2C42	3CX1500A7	TRANS	3CX1500A7/8877	3-200A	TRANS	3-200A	3-200A	TRANS	5923-200A
Z-7975A.RB	VID	Z-7975A.RB	2C43	PT	2C43	3CX1500A7/8877	TRANS	3CX1500A7/8877	3-300A3/304TH	TRANS	3-300A3/304TH	3-300A3/304TH	TRANS	304TH
Z-7975C	VID	Z-7975C	2C44	PT	2C43	3CX2500A3/8161	TRANS	3CX2500A3/8161	3-400Z	TRANS	3-400Z	3-400Z	TRANS	3-400Z/8163
Z7985	VID	Z7985	2C46	PT	2C46	3CX2500A3/8161	TRANS	3CX2500A3/8161	3-400Z/8163	TRANS	3-400Z/8163	3-400Z/8163	TRANS	3-400Z/8163
Z-7996 IND.	VID	Z-7996 IND.	2C51	IR	5670	3CX2500F3	TRANS	3CX2500F3	3-450A2/450TL	TRANS	3-450A2/450TL	3-450A2/450TL	TRANS	450TL
Z-7996 IND. RB	VID	Z-7996 IND. RB	2C51W	IR	5670	3CX2500F3/8251	TRANS	3CX2500F3/8251	3-450A4/450TH	TRANS	3-450A4/450TH	3-450A4/450TH	TRANS	450TH
Z-7996A	VID	Z-7996A	2D	PHOTO	1P40	3CX2500H3	TRANS	3CX2500H3	3-500Z	TRANS	3-500Z	3-500Z	TRANS	3-500Z
Z-7996A RB	VID	Z-7996A RB	2D21	IR & THYR	2D21	3CX3000A1	TRANS	3CX3000A1	3-1000Z	TRANS	3-1000Z	3-1000Z	TRANS	3-1000Z/8164
ZG-7248	IGNI	GL-37248	2D21	THYR & IR	5727	3CX3000A1/8238	TRANS	3CX3000A1/8238	3-1000Z/8164	TRANS	3-1000Z/8164	3-1000Z/8164	TRANS	3-1000Z/8164
ZP6B	PT	2C43	2D21/R6200	THYR & IR	5727	3CX3000A7	TRANS	3CX3000A7	4B13	TRANS	813	4B13	TRANS	813
ZP451	RECT	8020W	2D21W	IR & THYR	5727	3CX3000F1	TRANS	3CX3000F1/8239	4B24	RECT	604/7014	4B24	RECT	604/7014
ZP464A	PT	2C43	2E24	TRANS	2E24	3CX3000F1/8239	TRANS	3CX3000F1/8239	4B32	RECT	4B32	4B32	RECT	4B32
ZP527	TRANS	6621	2E25	TRANS	2E24	3CX3000F7	TRANS	3CX3000F7/8162	4C35	THYR	6268/4C35A	4C35	THYR	6268/4C35A
ZP-552	PT	2C39A	2E26	IR	2E26	3CX3000F7/8162	TRANS	3CX3000F7/8162	4C35A	THYR	6268/4C35A	4C35A	THYR	6268/4C35A
ZP-572	PT	2C39A	2G57	THYR	5557/FG17/715	3CX5000A3	TRANS	3CX5000A3	4CPX250K	TRANS	4CPX250K/8590	4CPX250K	TRANS	4CPX250K/8590
ZP-613	PT	2C43	2H28	RECT	3B28	3CX5000H3	TRANS	3CX5000H3	4CPX250K/8590	TRANS	4CPX250K/8590	4CPX250K/8590	TRANS	4CPX250K/8590
ZP-620	PT	2C40A	2H66	RECT	866A	3CX10000	TRANS	3CX10000	4CV8000A	TRANS	4CV8000A	4CV8000A	TRANS	4CV8000A
1C	RECT	3B22	2J22	THYR	714/7021	3CX10,000A1	TRANS	3CX10,000A1	4CV35,000A	TRANS	4CV35,000A	4CV35,000A	TRANS	4CV35,000A
1G50	THYR	2050A/2050	2RA6	RECT	619	3CX10,000A1/8158	TRANS	3CX10,000A1/8158	4CW800B	TRANS	4CW800B	4CW800B	TRANS	4CW800B
1P32	PHOTO	927	2T24	TRANS	3C24	3CX10,000A3	TRANS	3CX10,000A3	4CW800F	TRANS	4CW800F	4CW800F	TRANS	4CW800F
1P37	PHOTO	1P37	2V/400A	RECT	866A	3CX10,000A3/8159	TRANS	3CX10,000A3/8159	4CW2000A	TRANS	4CW2000A	4CW2000A	TRANS	4CW2000A/8244
1P39	PHOTO	1P39	2XM600A	RECT	866A	3CX10,000A7/8160	TRANS	3CX10,000A7/8160	4CW2000A/8244	TRANS	4CW2000A/8244	4CW2000A/8244	TRANS	4CW2000A/8244
1P39	PHOTO	929	2XM600A	RECT	866A	3CX10,000A7/8160	TRANS	3CX10,000A7/8160	4CW10,000A	TRANS	4CW10,000A	4CW10,000A	TRANS	4CW10,000A/8661
1P40	PHOTO	1P40	3B22	RECT	3B22	3CX10,000H3	TRANS	3CX10,000H3	4CW10,000A/8661	TRANS	4CW10,000A/8661	4CW10,000A/8661	TRANS	4CW10,000A/8661

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Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type
6H6	IR	6H6	11E13	IR	6360	82AV4	PHOTO	919	331A	TRANS	805	331A	TRANS	805
6L6	IR	5844	11V	PHOTO	917	84A3	PHOTO	923	350A	IR	807	350A	IR	807
6J7	IR	6J7	12A7	IR	6679/12A7	85A2	IR	5651	353A	RECT	872A	353A	RECT	872A
6K4	IR	5718	12A7W	IR	6201	100	RECT	5575/100/616	356	TRANS	356/5771	356	TRANS	356/5771
6K7	IR	6K7	12A7WA	IR	6201	100A	RECT	8020W	356/5771	TRANS	356/5771	356/5771	TRANS	356/5771
6L6G	IR	5881	12A7WA	TRANS	3CX3000F7/8162	100R	RECT	8020W	371B	RECT	371B	371B	RECT	371B
6L6GB	IR	5881	12A7WB	IR	6201	100TH	TRANS	100TH	375A	RECT	375A	375A	RECT	375A
6L6GB	IR	5881	12A7WC	IR	6201	100TL	TRANS	100TL	381	PT	2C39B/6897	381	PT	2C39B/6897
6L6GC	IR	5881	12A7	IR	6189/12A7WA	102A	TRANS	102A/23102	393A	THYR	393A	393A	THYR	393A
6L6W	IR	5881	12A7A	IR	6189/12A7WA	102A/23102	TRANS	102A/23102	395A	THYR	395A	395A	THYR	395A
6L6WB	IR	5881	12A7W	IR	6189/12A7WA	104	RECT	5561/FG104	396A	IR	396A	396A	IR	396A
6L6WB-6L6	IR	5886	12A7WA	IR	6189/12A7WA	105	THYR	FG-105	403A	IR	403A	403A	IR	403A
6L6WGB	IR	6L6WGB	12A7	IR	5965A	105A	THYR	FG-105	403B	IR	403B	403B	IR	403B
6L10	IR	6A67	12A7	IR	6681/12A7	108C1	IR	082	404A	TRANS	5847/404A	404A	TRANS	5847/404A
6L41	IR	5763	12A7WA	IR	12AX7WA	150C1	IR	0A2	406	RECT	623	406	RECT	623
6N7	IR	6N7	12A7	IR	6072A	150C2	IR	0A2	407A	IR	407A	407A	IR	407A
6R-8BC	TRANS	5847/404A	12E13	IR	6550A	150C3	IR	003/VR150	6AS6	IR	6AS6	6AS6	IR	6AS6
6SC7	IR	6SC7	12H6	IR	12AY7	150C3	VR	0D3A	619	RECT	619	412	RECT	619
6SF5	IR	6SF5	12SA7	IR	12SA7	150C4	IR	0A2	412A	IR	412A	412A	IR	412A
6SG7	IR	6SG7	12SF5	IR	12SF5	172	TRANS	8295A/172	414	THYR	GL-414	414	THYR	GL-414
6SH7	IR	6SH7	12SG7	IR	12SG7	172	THYR	FG-172	415	IGNI	GL-5550	415	IGNI	GL-5550
6SJ7	IR	6SJ7	12SH7	IR	12SH7	199	PT	8094/199	417A	TRANS	5842/417A	417A	TRANS	5842/417A
6S17	IR	6S17	12S17	IR	12S17	200	RECT	5576/200	421	IR	5998A	421	IR	5998A
6S17	IR	6S17	15-M	IR	15-M	200	TRANS	HF200/HV18/T200	424	RECT	627	424	RECT	627
6S17Y	IR	6S17Y	12SK7	IR	12SK7	221B	RECT	371B	426	RECT	615	426	RECT	615
6SK7	IR	6SK7	12SQ7	IR	12SQ7	230N	RECT	5558/FG32	440	RECT	615	440	RECT	615
6SK7WA	IR	6137	12SR7	IR	12SR7	235A	IGNI	GL-5552A	444	RECT	3B22	444	RECT	3B22
6SL7-GT	IR	5691	13D2	IR	5692	238A	IGNI	GL-5555	450TH	TRANS	450TH	450TH	TRANS	450TH
6SL7-WGT	IR	5691	14GT8	IR	7724	238B	IGNI	GL-5555	450TL	TRANS	450TL	450TL	TRANS	450TL
6SN7GT	IR	5892	15-M	RECT	623	2388	IGNI	GL-5555	451	RECT	8020W	451	RECT	8020W
6SN7GTA	IR	5692	17	THYR	5557/FG17/715	249R	RECT	649/5834	464	PT	2C43	464	PT	2C43
6SN7GTB	IR	5692	18A85	IR	408A	249S	RECT	649/5834	464A	PT	2C43	464A	PT	2C43
6SQ7	IR	6SQ7	18X	RECT	617	250R	TRANS	250R	473	TRANS	5736/473	473	TRANS	5736/473
6S57	IR	6137	20A3	IR & THYR	5727	250TH	TRANS	250TH	481B	RECT	481B	481B	RECT	481B
6U8	IR	6678/6U8A	20M	IR & THYR	2021	254W	TRANS	254W	490	RECT	660	490	RECT	660
6U8A	IR	6678/6U8A	20-M	RECT	643	255A	RECT	GL-869B	495	RECT	660	495	RECT	660
6V6	IR	6V6	20X	RECT	643	255B	RECT	GL-869B	495	RECT	606/7016	495	RECT	606/7016
6X4W	IR	6202	25B6G6	IR	5824	258A	IGNI	GL-5553B	502	THYR	2050A/2050	502	THYR	2050A/2050
6X4WA	IR	6202	25L6GT	IR	6046	258B	IGNI	GL-5553B	502A	THYR	2050A/2050	502A	THYR	2050A/2050
7B	TRANS	4E27/5-125B	25T	TRANS	25T	264	TRANS	264/8576	507	IGNI	GL-5564	507	IGNI	GL-5564
7C24	TRANS	5762/7C24	25TG	TRANS	3C24	264/8576	TRANS	264/8576	512	RECT	575A	512	RECT	575A
7C29	THYR	714/7021	35T	TRANS	35T	272	THYR	5557/FG17/715	535	TRANS	304TH	535	TRANS	304TH
7D11	IR	6550A	51A	PHOTO	927	274B	IR	5R4GB	572	PT	2C39A	572	PT	2C39A
7F25A	TRANS	4-1000A/8166	51A3	PHOTO	927	290/A	TRANS	290/A	572B	TRANS	572B/T160L	572B	TRANS	572B/T160L
7H57	RECT	GL-857B	53AWB	PHOTO	927	304	TRANS	304TH	572B/T160L	TRANS	572B/T160L	572B/T160L	TRANS	572B/T160L
8F66R	TRANS	7007	55B400A	TRANS	5894/5894A	304TH	TRANS	304TH	575A	RECT	575A	575A	RECT	575A
8T92	TRANS	892	57	THYR	5559/FG57	304TL	TRANS	304TL	576A	RECT	576A	576A	RECT	576A
10E/9	TRANS	832A	59A4	PHOTO	868	309	THYR	5557/FG17/715	577W	RECT	577W	577W	RECT	577W
10E/11-141	IR	807	59TAV3	PHOTO	917	311	THYR	3C23	578	RECT	8020W	578	RECT	8020W
10E/95	THYR	5560/FG95	61A3	PHOTO	930	311CH	TRANS	311CH	578	RECT	8020W	578	RECT	8020W
10E/587	IR	807	61DV3	PHOTO	929	320A	THYR	710/6011	578B	RECT	578B	578B	RECT	578B

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Type to be Replaced	Tube Class	EE Replacement Type	Type to be Replaced	Tube Class	EE Replacement Type	Type to be Replaced	Tube Class	EE Replacement Type	Type to be Replaced	Tube Class	EE Replacement Type	Type to be Replaced	Tube Class	EE Replacement Type
592	TRANS	592/3-200A	660L/7786	RECT	660L/7786	811A	TRANS	811A	811A	TRANS	811A	811A	TRANS	892
592/3-200A	TRANS	592/3-200A	660P	RECT	660P	812	TRANS	812A	892A	TRANS	892A	892A	TRANS	892
604	RECT	604/7014	664L	RECT	664L	812A	TRANS	812A	832R	TRANS	832R	832R	TRANS	892R
604/7014	RECT	604/7014	672A	THYR	672A	813	TRANS	813	905	TRANS	905	905	TRANS	805
604L	RECT	604L/7015	672A	THYR	672A	816	RECT	816	917	PHOTO	917	917	PHOTO	917
604L/7015	RECT	604L/7015	673	RECT	673	828	TRANS	828	918	PHOTO	918	918	PHOTO	918
606	RECT	606/7016	676	THYR	KU-676	829	TRANS	829B	919	PHOTO	919	919	PHOTO	919
606/7016	RECT	606/7016	677	THYR	677	829A	TRANS	3E29	921	PHOTO	921	921	PHOTO	921
606L	RECT	606L/7017	678	RECT	678	829A	TRANS	829B	922	PHOTO	922	922	PHOTO	922
606L/7017	RECT	606L/7017	679	IGNI	GL-5554	829B	TRANS	829B	923	PHOTO	923	923	PHOTO	923
610	RECT	610/7723	681	IGNI	GL-5550	830-B	TRANS	830-B	927	PHOTO	927	927	PHOTO	927
610/7723	RECT	610/7723	681/686	IGNI	GL-5550	832	TRANS	832A	929	PHOTO	929	929	PHOTO	929
615	RECT	615	682	IGNI	GL-5550	832A	TRANS	832A	929	PHOTO	929	929	PHOTO	929
615/7018	RECT	615/7018	686	IGNI	GL-5550	833	TRANS	833A	930	PHOTO	930	930	PHOTO	930
616	RECT	5575/100/616	688	IGNI	GL-5564	833A	TRANS	833A	930B	TRANS	930B	930B	TRANS	830-B
616	RECT	616	710	THYR	710/6011	836	RECT	836	931	PHOTO	931	931	PHOTO	931A
617	RECT	617	710/6011	THYR	710/6011	845	TRANS	845	931A	PHOTO	931A	931A	PHOTO	931A
619	RECT	619	710A	THYR	7725/710A	845B	TRANS	845	934	PHOTO	934	934	PHOTO	934
623	RECT	623	710AL	THYR	7726/710AL	854H	TRANS	450TH	935	PHOTO	935	935	PHOTO	935
627	RECT	627	710L	THYR	710L/7518	857	RECT	GL-857B	967	THYR	967	967	THYR	5557/FG17/715
630	THYR	2050A/2050	710L/7518	THYR	710L/7518	857A	RECT	GL-857B	972	RECT	972	972	RECT	872A
630A	THYR	2050M/2050	714	THYR	714/7021	857B	RECT	GL-857B	972A	RECT	972A	972A	RECT	872A
631	THYR	5559/FG57	714/7021	THYR	714/7021	862	TRANS	862A	973	THYR	973	973	THYR	873
632B	THYR	5560/FG95	715	THYR	5557/FG17/715	862A	TRANS	862A	975A	RECT	975A	975A	RECT	873
632B	THYR	632B	715/5557	THYR	5557/FG17/715	864	TRANS	264/8576	976	THYR	976	976	THYR	5557/FG17/715
632C	THYR	5560/FG95	715/5557/FG-17	THYR	5557/FG17/715	866	RECT	866A	1000SPEC.	TRANS	1000SPEC.	1000SPEC.	TRANS	6C21
635	RECT	635/7019	716/6855	THYR	716/6855	866A	RECT	866A	1220	IR	1220	1220	IR	5654/6AK5W
635/7019	RECT	635/7019	716/6855	THYR	716/6855	866A/CR27	RECT	866A	1257	THYR	1257	1257	THYR	5559/FG57
635L	RECT	635L/7020	731A	IR	5654/6AK5W	866A/3B28	RECT	866A	1266	IR	1266	1266	IR	0B3
635L/7020	RECT	635L/7020	734	THYR	5544/734	866AX	RECT	866A	1295	THYR	1295	1295	THYR	5560/FG95
635P	RECT	635P/6930	734L	THYR	734L	866JR	RECT	816	1381HQ	IR	1381HQ	1381HQ	IR	5654/6AK5W
635P/6930	RECT	635P/6930	735	PHOTO	868	868	PHOTO	868	1347	TRANS	1347	1347	TRANS	5842/417A
643	RECT	643	740	THYR	740/6856	868/P123	PHOTO	868	1620	IR	1620	1620	IR	617
649/5834	RECT	649/5834	740/6856	THYR	740/6856	869	RECT	GL-869B	1649	IR	1649	1649	IR	6134
649/5834	RECT	649/5834	740L	THYR	740L/7022	869A	RECT	GL-869B	1656	PT	1656	1656	PT	2043
651	IGNI	GL-5552A	740L/7022	THYR	740L/7022	869B	RECT	GL-869B	1657	THYR	1657	1657	THYR	2050A/2050
651/656	IGNI	GL-5552A	740P	THYR	740P/6857	872	RECT	872A	1665	THYR	1665	1665	THYR	2050A/2050
652	IGNI	GL-5551A	740P/6857	THYR	740P/6857	872A	RECT	872A	1672	THYR	1672	1672	THYR	FG-172
652/657	IGNI	GL-5551A	759	TRANS	759	872A/872	RECT	872A	1672	TRANS	1672	1672	TRANS	8295A/172
653	RECT	653/5835	760	THYR	6858/760	872AX	RECT	872A	1701	THYR	1701	1701	THYR	5557/FG17/715
653	IGNI	GL-5555	760/6858	THYR	6858/760	873	THYR	873	1701/FG17	THYR	1701/FG17	1701/FG17	THYR	5557/FG17/715
653/5835	RECT	653/5835	760L	THYR	760L/7023	875A	RECT	575A	1852	IR	1852	1852	IR	6134
653A	IGNI	GL-5555	760L/7023	THYR	760L/7023	880	TRANS	880/5658	1853	IR	1853	1853	IR	6134
653B	IGNI	GL-5555	760P	THYR	6859/760P	880/5658	TRANS	880/5658	2014	IR	2014	2014	IR	6197
655	IGNI	GL-5553B	760P/6859	THYR	6859/760P	880A	TRANS	880/5658	2022	PHOTO	2022	2022	PHOTO	2022
656	IGNI	GL-5552A	770L	THYR	770L	889R	TRANS	889RA/5667	2050	THYR	2050	2050	THYR	2050A/2050
657	IGNI	GL-5551A	805	TRANS	805	889RA	TRANS	889RA/5667	2050A	THYR	2050A	2050A	THYR	2050A/2050
658	IGNI	GL-5553B	807	RECT	8020W	889RA/5667	TRANS	889RA/5667	2050M/2050	THYR	2050M/2050	2050M/2050	THYR	2050A/2050
660	RECT	660	810	TRANS	810	891	TRANS	891	2051	THYR	2051	2051	THYR	2050A/2050
660L	RECT	660L/7786	811	TRANS	811A	891R	TRANS	891R	2076	IR	2076	2076	IR	5R4GB

Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type
2082	IR	6072A	5332	TRANS	UKCV11	5564	IGNI	GL-5564	5718A	IR	5718			
2100A	RECT	8020W	5513	TRANS	GL-5513	5575	PECT	5575/100/616	5720	THYR	5720			
2179A	PT	2C40A	5528	THYR	6807	5575/100/616	RECT	5575/100/616	5725	IR	5725			
3069	RECT	866A	5528/C6L	THYR	5807	5576/200	RECT	5576/200	5725/6AS6W	IR	5725/6AS6W			
3070	RECT	872A	5544	THYR	5544/734	5576/200	RECT	5576/200	5725/6AS6W/6187	IR	5725/6AS6W			
3071	RECT	GL-869B	5544/734	THYR	5544/734	5581	PHOTO	5581	5726	IR	5726/6AL5W			
3072	RECT	GL-857B	5545	THYR	C6J/K/5685	5582	PHOTO	5582	5726 6AL5W/6097	IR & THYR	5726/6AS6W			
3546PW	PHOTO	927	5545	THYR	6807	5583	PHOTO	5583	5726/6AL5W	IR	5726/6AL5W			
3572	RECT	866A	5545	THYR	C6J/K-NE	5591	IR	5554/6AK5W	5727	IR & THYR	5727			
3852A	PT	2C39A	5550	IGNI	GL-5550	5604	TRANS	5604	5727 2D21W	IR & THYR	5727			
3861B	TRANS	4X150A/7034	5550/GL-415	IGNI	GL-5550	5606	TRANS	5606	5736	TRANS	5736/473			
3874A	TRANS	813	5551A	IGNI	GL-5551A	5606A	TRANS	5606A	5736/473	TRANS	5736/473			
3881A	PT	2C43	5551A/PC	IGNI	GL-5551A/PC	5619	TRANS	5619	5749	IR	5749/6BA6W			
3885A	RECT	3B28	5552	IGNI	GL-5552A	5625	RECT	5575/100/616	5749/6BA6W	IR	5749/6BA6W			
3945	TRANS	845	5552A	IGNI	GL-5552A	5632	THYR	5632/C3J	5750	IR	5750/6BE6W			
4017	RECT	866A	5552A/PC	IGNI	GL-5552A/PC	5632/C3J	THYR	5632/C3J	5750/6BE6W	IR	5750/6BE6W			
4078F	RECT	GL-869B	5552A/651	IGNI	GL-5552A	5640	IR	5902	5751	IR	5751			
4078Z	RECT	GL-869B	5552AP	IGNI	GL-5552A/PC	5642	IR	5642	5762	TRANS	5762/7C24			
4260	THYR	5557/FG17/715	5553	IGNI	GL-5553B	5648	PT	2C39B/6897	5762/7C24	TRANS	5762/7C24			
4261	THYR	5557/FG17/715	5553A	IGNI	GL-5553B	5651	IR	5651	5762A	TRANS	5762/7C24			
4409	PHOTO	4409	5553B	IGNI	GL-5553B	5653	PHOTO	5653	5763	IR	5763			
4471	PHOTO	931A	5553B/655	IGNI	GL-5553B	5654	IR	5654/6AK5W	5771	TRANS	5771			
4472	PHOTO	931A	5553BPC	IGNI	GL-5553B/PC	5654/6AK5W	IR	5654/6AK5W	5796	THYR	5796			
4478	VID	7262A	5554	IGNI	GL-5554	5654/6AK5W/6096	IR	5654/6AK5W	5811	RECT	610/7723			
4532A	VID	4532A/H	5554 FG-259B	IGNI	GL-5554	5658	TRANS	880/5658	5814	IR	5814A			
4532A/H	VID	4532A/H	5555	IGNI	GL-5555	5665	THYR	5665/C16J	5814A	IR	5814A			
4532H	VID	4532H	5555/FG-238B	IGNI	GL-5555	5665/C16J	THYR	5665/C16J	5822A	IGNI	GL-5822A			
4606	TRANS	5762/7C24	5555/238	IGNI	GL-5555	5667	TRANS	889A/5667	5823	IGNI	GL-5823A			
4620	RECT	GL-857B	5555A	IGNI	GL-857B	5668	TRANS	5668	5823	IR	5823			
4652	TRANS	8042/4652	5556	TRANS	GL-5556	5669	TRANS	5669	5824	IR	5824			
4652/8042	TRANS	8042/4652	5556/P8	TRANS	GL-5556	5670	IT	5670	5834	RECT	649/5834			
4657	TRANS	4657	5557	THYR	5557/FG17/715	5670WA	IR	5670	5835	RECT	653/5835			
4804	VID	4804/P5	5557/FG17/715	THYR	5557/FG17/715	5675	TRANS	5675	5842	TRANS	5842/417A			
4804	VID	4804/P1/P2/P4	5557/17	THYR	5557/FG17/715	5683	THYR	6014/C1K	5842/417A	TRANS	5842/417A			
4804	VID	4804	5557/715	THYR	5557/FG17/715	5684	THYR	5684/C3J/A	5844	IR	5844			
4804/P1/P2/P4	VID	4804/P1/P2/P4	5557/715/FG17	THYR	5557/FG17/715	5684	THYR	C3J/AL-NE	5847	TRANS	5847/404A			
4804/P5	VID	4804/P5	5558	RECT	5558/FG-32	5684	THYR	5632/C3J	5847/404A	TRANS	5847/404A			
4804A	VID	4804A	5558/FG-32	RECT	5558/FG-32	5684-NE	THYR	5684-NE	5847/404A	TRANS	5847/404A			
4804A	VID	4804A/P1/P2/P4	5558/32	RECT	5558/FG32	5684/C3J/A	THYR	5684-NE	5868	TRANS	5868			
4804A	VID	4804A/P5	5559	THYR	5559/FG57	5684/C3J/A	THYR	5684/C3J/A	5869	THYR	5869/9950			
4804A/P1/P2/P4	VID	4804A/P1/P2/P4	5559/FG57	THYR	5559/FG57	5685	THYR	C6J/K/5685	5869/9950	THYR	5869/9950			
4804A/P5	VID	4804A/P5	5559/57	THYR	5559/FG57	5685	THYR	C6J/K-NE	5870A	THYR	5870A			
4804B	VID	4804B	5560	THYR	5560/FG95	5685/C6J	THYR	5685/C6J	5877	THYR	5544/734			
4804B	VID	4804B/P1/P2/P4	5560	THYR	5560	5686	IR	5686	5878	THYR	C6J/K-NE			
4804B	VID	4804B/P5	5560-FG95	THYR	5560-FG95	5687	IR	5687 WA, WB	5878	THYR	C6J/K/5685			
4804B/P1/P2/P4	VID	4804B/P1/P2/P4	5561	RECT	5561/FG104	5687WA, 5687WB	IR	5687 WA, WB	5878	THYR	6807			
4804B/P5	VID	4804B/P5	5561/FG-104	RECT	5561/FG104	5693	IR	5693	5881	IR	5881			
4804H	VID	4804H	5561/104	RECT	5561/104	5696	IR & THYR	5696A	5886	IR	5886			
5000GB	RECT	872A	5563A	THYR	5563A	5696A	IR & THYR	5696A	5892	RECT	660			
5000GS	RECT	8008	5563A	THYR	5563A	5718	IR	5718	5894/5894A	TRANS	5894/5894A			

This interchangeability listing has been prepared to help you find a GE replacement for your tube requirements. It is believed to be accurate as of date issued. However, no responsibility is assumed by the General Electric Company for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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5894A	TRANS	5894/5894A	6146	IR	6146A	6424	TRANS	6424	6809	THYR	6809	6809	THYR	6809
5896	IR	5896	6146A	IR	6146A	6425	TRANS	6425	6809	THYR	6809	6809	THYR	6809
5897	IR	5718	6146B	IR	6146B/8298A	6425F	TRANS	6425F	6816	TRANS	6816	6816	TRANS	6816
5902	IR	5902	6146B/8298A	IR	6146B/8298A	6426	TRANS	6426	6829	IR	6829	6829	IR	6829
5902A	IR	5902	6155	TRANS	6155	6427	TRANS	6427	6855	THYR	6855	6855	THYR	6855
5915	IR	7036	6155	TRANS	4D21/4-125A	6442	TRANS	6442	6856	THYR	6856	6856	THYR	6856
5915A	IR	7036	6155	TRANS	4E27/5-125B	6442AL	PT	6442AL	6857	THYR	6857	6857	THYR	6857
5918A	TRANS	5918A	6155/4-125A	TRANS	4D21/4-125A	6463	TRANS	6463	6858	THYR	6858	6858	THYR	6858
5933	IR	807	6156	TRANS	4-250A/5D22	6485	IR	6485	6858/760	THYR	6858/760	6858/760	THYR	6858/760
5934	RECT	5934	6156	TRANS	6156	6511	TRANS	6511	6859	THYR	6859	6859	THYR	6859
5963	IR	5963	6161	TRANS	6161	6512	TRANS	6512	6859/760P	THYR	6859/760P	6859/760P	THYR	6859/760P
5964	IR	5964	6166A	TRANS	7007	6513	TRANS	6513	6860	THYR	6860	6860	THYR	6860
5965	IR	5965A	6166A/7007	TRANS	7007	6514	TRANS	6514	6864	THYR	6864	6864	THYR	6864
5965A	IR	5965A	6180	TRANS	5692	6515	TRANS	6515	6864	THYR	6864	6864	THYR	6864
5998	IR	5998A	6183	TRANS	GL-6942	6520	IR	6080	6864	THYR	6864	6864	THYR	6864
5998/421	IR	5998A	6183/Z-5053	TRANS	GL-6942	6528	TRANS	6528	6871	THYR	6871	6871	THYR	6871
5998A	IR	5998A	6187	TRANS	GL-6942	6550	IR	6550A	6871	THYR	6871	6871	THYR	6871
6005	TRANS	4C250K/8245	6189	IR	5725/6AS6W	6550A	IR	6550A	6883A	IR	6883A	6883A	IR	6883A
6005	IR	6005/6AQ5W	6189/12AU7WA	IR	6189/12AU7WA	6570	PHOTO	6570	6883A	IR	6883A	6883A	IR	6883A
6005/6AQ5W	IR	6005/6AQ5W	6197	IR	6197	6582	IR	5654/6AK5W	6883B	IR	6883B	6883B	IR	6883B
6005/6AQ5W/6095	IR	6005/6AQ5W	6201	IR	6201	6623	TRANS	6623	6883B/8032A/8552	IR	6883B/8032A/8552	6883B/8032A/8552	IR	6883B/8032A/8552
6011	THYR	710/6011	6202	IR	6202	6626	IR	0A2	6884	TRANS	6884	6884	TRANS	6884
6014	THYR	6014/C1K	6203	IR	6203	6627	IR	0B2	6894	RECT	6894	6894	RECT	6894
6014/C1K	THYR	6014/C1K	6211	IR	6211A	6660	IR	6660/6BA6	6894	RECT	6894	6894	RECT	6894
6015	RECT	600P	6211A	IR	6211A	6661	IR	6661/6BH6	6895	RECT	6895	6895	RECT	6895
6028	IR	408A	6216	IR	6216	6662	IR	6662/6BJ6	6895	RECT	6895	6895	RECT	6895
6028/408A	IR	408A	6265	IR	6265	6663	IR	6663/6AL5	6897	TRANS	6897	6897	TRANS	6897
6031	THYR	5559/FG57	6268	THYR	6268/4C35A	6664	IR	6664/6AB4	6900	RECT	6900	6900	RECT	6900
6046	IR	6046	6268/4C35A	THYR	6268/4C35A	6669	IR	6669/6AQ5A	6907	TRANS	6907	6907	TRANS	6907
6058	IR	5726/6AL5W	6277	RECT	3B28	6676	IR	6676/6CB6A	6922	IR	6922	6922	IR	6922
6060	IR	6201	6283	TRANS	GL-6283	6677	IR	6677/6CL6	6927	IR	6927	6927	IR	6927
6062	IR	5763	6288	RECT	816	6678	IR	6678/6U8A	6928	IR	6928	6928	IR	6928
6067	IR	5814A	6299	TRANS	6299	6679	IR	6679/12A17	6930	RECT	6930	6930	RECT	6930
6072	IR	6072A	6326	VID	7038	6680	IR	6680/12AU7A	6939	TRANS	6939	6939	TRANS	6939
6072A	IR	12A7	6326A	VID	7038	6681	IR	6681/12A7	6942	TRANS	6942	6942	TRANS	6942
6072A	IR	6072A	6336	TRANS	6336A	6688	IR	6688	6953	PHOTO	6953	6953	PHOTO	6953
6076	TRANS	6076	6336A	TRANS	6336A	6693	RECT	6693	6968	IR	6968	6968	IR	6968
6076A	TRANS	6076A	6336B	TRANS	6336B	6693	RECT	673	6982	RECT	6982	6982	RECT	6982
6080	IR	6A57GA	6346	IGNI	GL-5551A	6696	TRANS	6696	6983	RECT	6983	6983	RECT	6983
6080	IR	6080	6347	IGNI	GL-5552A	6696A	TRANS	6696A	6984	THYR	6984	6984	THYR	6984
6095	IR	6005/6AQ5W	6348	IGNI	GL-5553B	6697	TRANS	6697	6985	THYR	6985	6985	THYR	6985
6096	IR	5654/6AK5W	6350	IR	6350	6697A	TRANS	6697A	6986	THYR	6986	6986	THYR	6986
6097	IR	5726/6AL5W	6360	IR	6360	6761	IR	6761	6988	THYR	6988	6988	THYR	6988
6100	IR	6C4WA	6386	IR	6386	6771	PT	6771	6989	THYR	6989	6989	THYR	6989
6111	IR	6111	6420	TRANS	6420	6775	TRANS	4-400C/6775	6989-NE	THYR	6989-NE	6989-NE	THYR	6989-NE
6125	IR	6C4WA	6421	TRANS	6421	6807	THYR	6807	6989/C6/KL	THYR	6989/C6/KL	6989/C6/KL	THYR	6989/C6/KL
6134	IR	6134	6421F	TRANS	6421F	6807	THYR	6807	7007	TRANS	7007	7007	TRANS	7007
6135	IR	6135	6422	TRANS	6422	6807	THYR	6807	7014	RECT	7014	7014	RECT	7014
6136	IR	6136	6423	TRANS	6423	6808	THYR	6808	7015	RECT	7015	7015	RECT	7015
6137	IR	6137	6423F	TRANS	6423F	6808	THYR	6808	7016	RECT	7016	7016	RECT	7016

Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type
7017	RECT	606L/7017	7298	THYR	6989/C6J/KL	7698R	PT	7698R	7698R	PT	7698R	8018	IR	807
7018	RECT	615	7298	THYR	6809	7701	IR	7701	7701	IR	7701	8020W	RECT	8020W
7019	RECT	635/7019	7299	THYR	6808	7703	IGNI	7703	GL-7703	IGNI	GL-7703	8020W	RECT	8020W
7020	RECT	635L/7020	7299	THYR	66/KP	7716	IR	7716	7716	IR	7716	8024	TRANS	832A
7021	THYR	714/7021	7306	THYR	5632/C3J	7717	IR	7717	7717/6CY5	IR	7717/6CY5	8032	IR	6883B/8032A/8552
7022	THYR	740L/7022	7306	THYR	5684/C3J/A	7717/6CY5	IR	7717/6CY5	7717/6CY5	IR	7717/6CY5	8032A	IR	6883B/8032A/8552
7022	THYR	6859/760P	7306A	THYR	5632/C3J	7720	PT	7720	7720	PT	7720	8042	TRANS	8042/4652
7023	THYR	7306A/7023	7306A	THYR	5684/C3J/A	7723	RECT	7723	610/7723	RECT	610/7723	8042/4652	TRANS	8042/4652
7023	THYR	6809	7307	THYR	710/6011	7723-NE	RECT	7723-NE	7723-NE	RECT	7723-NE	8043	THYR	8043
7034	TRANS	4X150A/7034	7307A	THYR	710/6011	7724	IR	7724	7724	IR	7724	8068	IR	8068
7034/4X150A	TRANS	4X150A/7034	7321	THYR	6809	7725	THYR	7725	7725/710A	THYR	7725/710A	8072	TRANS	8072
7035	TRANS	4X150D/7035	7321	THYR	C6/L/7321	7725/710A	THYR	7725/710A	7725/710A	THYR	7725/710A	8074	TRANS	8074/199
7035	TRANS	7609	7363	THYR	7363	7726	THYR	7726	7726/710AL	THYR	7726/710AL	8074/199	TRANS	8074/199
7035/4X150D	TRANS	4X150D/7035	7370	IR	7370	7726/710AL	THYR	7726/710AL	7726/710AL	THYR	7726/710AL	8077	IR	7054
7036	IR	7036	7386	THYR	C6/K/5685	7728	IR	7728	6201	IR	6201	8077/7054	IR	7054
7038	VID	7038	7386	THYR	6807	7730	IR	7730	6189/12AU7WA	IR	6189/12AU7WA	8077/7054	TRANS	8077/7054
7038V	VID	7038V	7386	THYR	C6/K-NE	7731	IR	7731	6678/6U8A	IR	6678/6U8A	8082	PT	8082
7038V4	VID	7038V4	7391	TRANS	7391	7732	IR	7732	6676/6CB6A	IR	6676/6CB6A	8083	PT	8083
7041	IGNI	GL-5553B	7399	TRANS	GL-7399	7734	IR	7734	7734	IR	7734	8094/199	PT	8094/199
7044	IR	7044	7410	THYR	7410	7735	VID	7735	7735A	VID	7735A	8094/199	PT	8094/199
7054	IR	7054	7462	PT	7462	7735A	VID	7735A	7735A	VID	7735A	8102	IR	8102
7056	IR	7056	7486	PT	7486	7735B	VID	7735B	7735B	VID	7735B	8106	IR	8106
7058	IR	7058	7486AL	PT	7486AL	7735BX	VID	7735BX	7735BX	VID	7735BX	8122	TRANS	8122
7059	IR	7059	7509	THYR	710L/7518	7736	IGNI	7736	GL-7736	IGNI	GL-7736	8122V1	TRANS	8122V1
7060	IR	7060	7509A	THYR	710L/7518	7752	IR	7752	5725/6AS6W	IR	5725/6AS6W	8136	IR	8136
7061	IR	7061	7518	THYR	710L/7518	7768	PT	7768	7768	PT	7768	8156	IR	8156
7077	IGNI	GL-7151	7527	TRANS	4-400B/7527	7784	TRANS	7784	7784	TRANS	7784	8158	TRANS	3CX10,000A/8158
7094	TRANS	7094	7527	TRANS	4-400A/8438	7786	RECT	7786	660L/7786	RECT	660L/7786	8159	TRANS	3CX10,000A/8159
7104	RECT	575A	7551	IR	7551	7786-NE	RECT	7786-NE	7786-NE	RECT	7786-NE	8160	TRANS	3CX10,000A/8160
7151	IGNI	GL-7151	7556	THYR	C3J/AL/7556	7788	TRANS	7788	7788	TRANS	7788	8160/3CX10,000A7	TRANS	3CX10,000A/8160
7167	IR	7167	7556A	THYR	C3J/AL/7556	7815	TRANS	7815	7815	TRANS	7815	8161	TRANS	3CX2500A3/8161
7171	IGNI	GL-7171	7556A	THYR	C3J/AL/7556A	7815/30CPN10A6	TRANS	7815/30CPN10A6	7815	TRANS	7815	8162	TRANS	3CX3000F7/8162
7203	TRANS	4CX250B/7203	7556A-NE	THYR	7556A-NE	7815AL	PT	7815AL	7815AL	PT	7815AL	8163	TRANS	3-400Z/8163
7203/4CX250B	TRANS	4CX250B/7203	7580W	TRANS	4CX250R/7580W	7815R	PT	7815R	7815R	PT	7815R	8164	TRANS	3-1000Z/8164
7204	TRANS	4CX250F/8621	7580W/4CX250R	TRANS	4CX250R/7580W	7815RAL	PT	7815RAL	7815RAL	PT	7815RAL	8165	TRANS	4-65A/8165
7211	PT	7211	7585	IGNI	GL-5552A	7841	PD	7841	7841	PD	7841	8165/4-65A	TRANS	4-65A/8165
7212	IR	6146B/8298A	7588	PT	7588	7843	TRANS	7843	7843	TRANS	7843	8166	TRANS	4-1000A/8166
7216	THYR	C3J/L	7609	TRANS	7609	7855	TRANS	7855	7855	TRANS	7855	8166/4-1000A	TRANS	4-1000A/8166
7225	RECT	866A	7625	PT	7625	7855K	TRANS	7855K	7855K	TRANS	7855K	8167	TRANS	4CX300A/8167
7233	RECT	7233	7644	TRANS	7644	7855KAL	TRANS	7855KAL	7855KAL	TRANS	7855KAL	8167/4CX300A	TRANS	4CX300A/8167
7239	IR	7239	7645	TRANS	6939	7861	IR	7861	7861	IR	7861	8168	TRANS	4CX1000A/8168
7262	VID	7262A	7669/PC	IGNI	GL-7669/PC	7910	PT	7910	7910	PT	7910	8168/4CX1000A	TRANS	4CX1000A/8168
7263	VID	7263A	7670	IGNI	GL-7669/PC	7911	PT	7911	7911	PT	7911	8169	TRANS	4CX3000A/8169
7263A	TRANS	7263A	7670	IGNI	GL-7670	7913	PT	7913	7913	PT	7913	8169/4CX3000A3	TRANS	4CX3000A/8169
7266	PD	7266	7671	IGNI	GL-7671	7984	IR	7984	7984	IR	7984	8170	TRANS	4CX5000A/8170
7289	PT	2C39WA/7289	7671/PC	IGNI	GL-7671/PC	7998	IGNI	7998	7998	IGNI	7998	8170/4CX5000A	TRANS	4CX5000A/8170
7289	TRANS	7289	7673	IGNI	GL-7673	8000	TRANS	8000	8000	TRANS	8000	8170W	TRANS	4CX5000R/8170W
7289/3CX100A5	PT	7289	7673/PC	IGNI	GL-7673/PC	8001	TRANS	8001	4E27/5-125B	TRANS	4E27/5-125B	8170W/4CX5000R	TRANS	4CX5000R/8170W
7289/3CX100A5	PT	7289	7681	IGNI	GL-7681	8005	TRANS	8005	8005	TRANS	8005	8171	TRANS	4CX10,000D/8171
7296	PT	7296	7698	PT	7698	8008	RECT	8008	8008	RECT	8008	8171/4CX10,000D	TRANS	4CX10,000D/8171

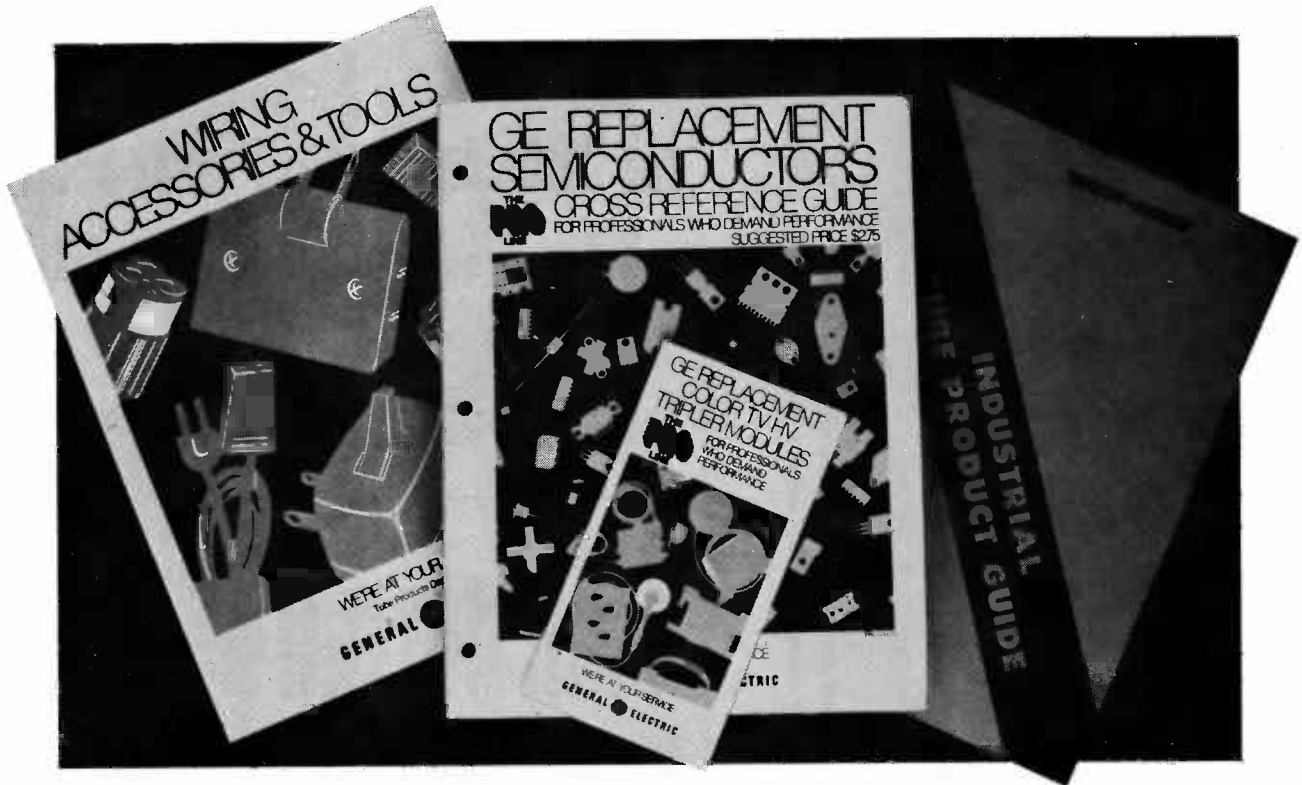
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Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type	Type to be Replaced	Tube Class	GE Replacement Type
8172	TRANS	4X150G/8172	8251/4CX2500F3	TRANS	3CX2500F3/8251	8458	TRANS	8458	8621	TRANS	4CX250FG/8621
8172/4X150G	TRANS	4X150G/8172	8252W	TRANS	4PR60C/8252W	8465	IGNI	GL-8465	8621/4CX250FG	TRANS	4CX250FG/8621
8187	TRANS	4PR65A/8187	8270	THYR	8270	8466	IGNI	GL-8466	8643	TRANS	8643
8187/4PR65A	TRANS	4PR65A/8187	8281	TRANS	4CX15,000A/8281		VID	8484	8660	TRANS	8660
8188	TRANS	4PR400A/8188	8281/4CX15,000A	TRANS	4CX15,000A/8281	8484	VID	8484H	8661	TRANS	4CX1500B/8660
8188/4PR400A	TRANS	4PR400A/8188	8283	TRANS	3CX1000A/8283	8484H	VID	8484H	8745	TRANS	4CW10,000A/8661
8189	TRANS	4PR1000A/8189	8283/3CX1000A7	TRANS	3CX1000A7/8283	8507	VID	8507	8745	TRANS	8745
8189/4PR1000A	TRANS	4PR1000A/8189	8295A	TRANS	3CX1000A7/8295A	8507A	VID	8507A	8751	PT	8751
8204	THYR & IR	5727	8295A/172	TRANS	8295A/172	8533	PT	8533	8877	PT	8877
8233	IR	8233	8298	TRANS	8298	8533W	PT	8533W	8906	PT	8906
8238	TRANS	3CX3000A1/8238	8298A	IR	6146B/8298A	8541	VID	8541	8906AL	PT	8906AL
8238/3CX3000A1	TRANS	3CX3000A1/8238	8306	IR	6146B/8298A	8541A	VID	8541A	8907	PT	8907
8239	TRANS	3CX3000F1/8239	8321	IGNI	GL-7171	8541AX	VID	8541AX	8907AL	PT	8907AL
8239/3CX3000F1	TRANS	3CX3000F1/8239	8321/4CX350A	TRANS	4CX350A/8321	8552	IR	6883B/8032A/8552	8908	IR	8908
8241	TRANS	3CW5000F1/8241	8322	TRANS	4CX350A/8321	8560A/8560AS	TRANS	8560A/8560AS	8909	TRANS	4CX5000/8909
8242	TRANS	3CW5000A3/8242	8322/4CX350F	TRANS	4CX350F/8322	8561	TRANS	4CX300Y/8561	8950	IR	8950
8243	TRANS	3CW5000F3/8243	8348	TRANS	4CX350F/8322	8572A	VID	8572A	8957	TRANS	4CX250BC/8957
8244	TRANS	4CW2000A/8244	8352	TRANS	4-400A/8438	8572V	VID	8572V	9080WA	IR	9080WA
8245	TRANS	4CX250K/8245	8360	TRANS	4CX1000K/8352	8572A/V4	VID	8572V4	9903	TRANS	9903
8245/4CX250K	TRANS	4CX250K/8245	8403	IGNI	GL-8360	8572V	VID	8572V	9950	THYR	5894/5894A
8246	TRANS	4CX250M/8246	8438	PT	8403	8572V4	VID	8572V4	23102	THYR	5869/9950
8246/4CX250M	TRANS	4CX250M/8246	8438/4-400A	TRANS	4-400A/8438	8573A	VID	8573A	38145	TRANS	102A/23102
8247	TRANS	4PR125A/8247	8438/4-658	TRANS	4-400A/8438	8573X	VID	8573X	38172	TRANS	845
8247/4PR125A	TRANS	4PR125A/8247	8438A	TRANS	4-400A/8438A	8576	TRANS	264/8576	38266A	RECT	872A
8248	TRANS	4PR250C/8248	8438A/4-400A	TRANS	4-400A/8438A	8590	TRANS	4CPX250K/8590	38807	RECT	836
			8438A/4-400AX	TRANS	4-400A/8438	8604	VID	8604	56000	IR	807
8251	TRANS	3CX2500F3/8251	8604X	TRANS	4-400AX/8438A	8604X	VID	8604X	845722	RECT	8020W
									845724	IR	6AS7GA
											5654/6AK5W

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TUBE PRODUCTS DEPARTMENT
OWENSBORO, KENTUCKY 42301

8-335-6011 (DIRECTORY)

TUBE CLASSIFICATION

- IGNI**—Ignitron
- IR**—Industrial Receiving
- PHOTO**—Phototube
- PT**—Planar Triode
- PD**—Planar Diode
- RECT**—Rectifier
- THYR**—Thyratron
- TRANS**—Transmitting
- VID**—Vidicon
- VR**—Voltage Regulator or Reference

Type to be Replaced	GE Replacement Type	Tube Class	Type to be Replaced	GE Replacement Type	Tube Class	Type to be Replaced	GE Replacement Type	Tube Class	Type to be Replaced	GE Replacement Type	Tube Class
AG-869B	GL-869B	RECT	AX-4-125A	4D21/4-125A	TRANS	AX-4-125A	4D21/4-125A	TRANS	AX-4-125A	4D21/4-125A	TRANS
AG-2509	5651	IR	AX-4-125A/6155	4D21/4-125A	TRANS	AX-4-125A/6155	4D21/4-125A	TRANS	AX-4-125A/6155	4D21/4-125A	TRANS
AGS5017	5557/FG17/115	THYR	AX-4-250A	4-250A/5D22	TRANS	AX-4-250A	4-250A/5D22	TRANS	AX-4-250A	4-250A/5D22	TRANS
AGS5021	2D21	IR & THYR	AX-4-250A/6156	4-250A/5D22	TRANS	AX-4-250A/6156	4-250A/5D22	TRANS	AX-4-250A/6156	4-250A/5D22	TRANS
AGS5023	3C23	THYR	AX-224	3B28	RECT	AX-224	3B28	RECT	AX-224	3B28	RECT
AG5210	0B2	IR	AX-575A	575A	RECT	AX-575A	575A	RECT	AX-575A	575A	RECT
AG5211	0A2	IR	AX673	673	RECT	AX673	673	RECT	AX673	673	RECT
AH-201	866A	RECT	AX673/6693	673	RECT	AX673/6693	673	RECT	AX673/6693	673	RECT
AH-213	GL-869B	RECT	AX-5550	GL-5550	IGNI	AX-5550	GL-5550	IGNI	AX-5550	GL-5550	IGNI
AH-216	872A	RECT	AX-5551	GL-5551A	IGNI	AX-5551	GL-5551A	IGNI	AX-5551	GL-5551A	IGNI
AH-217	872A	RECT	AX-5551/652	GL-5551A	IGNI	AX-5551/652	GL-5551A	IGNI	AX-5551/652	GL-5551A	IGNI
AI-5551	GL-5551A	IGNI	AX-5551A	GL-5551A	IGNI	AX-5551A	GL-5551A	IGNI	AX-5551A	GL-5551A	IGNI
AI-5551A	GL-5551A	IGNI	AX-5552	GL-5552A	IGNI	AX-5552	GL-5552A	IGNI	AX-5552	GL-5552A	IGNI
AI-5552A	GL-5552A	IGNI	AX-5552/651	GL-5552A	IGNI	AX-5552/651	GL-5552A	IGNI	AX-5552/651	GL-5552A	IGNI
AI-5553A	GL-5553B	IGNI	AX-5552A	GL-5552A	IGNI	AX-5552A	GL-5552A	IGNI	AX-5552A	GL-5552A	IGNI
AI-5553B	GL-5553B	IGNI	AX5553	GL-5553B	IGNI	AX5553	GL-5553B	IGNI	AX5553	GL-5553B	IGNI
AI-6346	GL-5551A	IGNI	AX-5553 655	GL-5553B	IGNI	AX-5553 655	GL-5553B	IGNI	AX-5553 655	GL-5553B	IGNI
AI-6347	GL-5552A	IGNI	AX-5553A	GL-5553B	IGNI	AX-5553A	GL-5553B	IGNI	AX-5553A	GL-5553B	IGNI
AM-575A	575A	RECT	AX-553B	GL-553B	IGNI	AX-553B	GL-553B	IGNI	AX-553B	GL-553B	IGNI
AR14	GL-5551A	IGNI	AX-5534	GL-5534	IGNI	AX-5534	GL-5534	IGNI	AX-5534	GL-5534	IGNI
AR14T	GL-5551A	IGNI	AX-5554/679	GL-5554	IGNI	AX-5554/679	GL-5554	IGNI	AX-5554/679	GL-5554	IGNI
AR14TP	GL-5551A/PC	IGNI	AX-5555	GL-5555	IGNI	AX-5555	GL-5555	IGNI	AX-5555	GL-5555	IGNI
AR14TWS	GL-5551A/PC	IGNI	AX-5555/638	GL-5555	IGNI	AX-5555/638	GL-5555	IGNI	AX-5555/638	GL-5555	IGNI
ARS-25	807	IR	AX-5557	5557/FG17/115	THYR	AX-5557	5557/FG17/115	THYR	AX-5557	5557/FG17/115	THYR
ARS-25A	807	IR	AX-5557/FG17/1701	5557/FG17/115	THYR	AX-5557/FG17/1701	5557/FG17/115	THYR	AX-5557/FG17/1701	5557/FG17/115	THYR
ARS-25A	807	IR	AX-5557/17/1701	5557/FG17/115	THYR	AX-5557/17/1701	5557/FG17/115	THYR	AX-5557/17/1701	5557/FG17/115	THYR
ARS-25A	807	IR	AX-5559	5559/FG57	THYR	AX-5559	5559/FG57	THYR	AX-5559	5559/FG57	THYR
ARS-25A	807	IR	AX-5604	5604	TRANS	AX-5604	5604	TRANS	AX-5604	5604	TRANS
ARS-25A	807	IR	AX-5685	C6J/K/5685	THYR	AX-5685	C6J/K/5685	THYR	AX-5685	C6J/K/5685	THYR
ARS-25A	807	IR	AX-5685/C6J	6807	THYR	AX-5685/C6J	6807	THYR	AX-5685/C6J	6807	THYR
ARS-25A	807	IR	AX-5685/C6J	6807	THYR	AX-5685/C6J	6807	THYR	AX-5685/C6J	6807	THYR
ARS-25A	807	IR	AX-5822A	C6J	THYR	AX-5822A	C6J	THYR	AX-5822A	C6J	THYR
ARS-25A	807	IR	AX-6360	GL-5822A	IGNI	AX-6360	GL-5822A	IGNI	AX-6360	GL-5822A	IGNI
ARS-25A	807	IR	AX-6693	6360	IR	AX-6693	6360	IR	AX-6693	6360	IR
ARS-25A	807	IR	AX-6693	6360	IR	AX-6693	6360	IR	AX-6693	6360	IR
ARS-25A	807	IR	AX-7585	GL-5552A	IGNI	AX-7585	GL-5552A	IGNI	AX-7585	GL-5552A	IGNI
ARS-25A	807	IR	AX-9903	5894/5894A	TRANS	AX-9903	5894/5894A	TRANS	AX-9903	5894/5894A	TRANS
ARS-25A	807	IR	AX-9903/5894	5894/5894A	TRANS	AX-9903/5894	5894/5894A	TRANS	AX-9903/5894	5894/5894A	TRANS
ARS-25A	807	IR	AX9911	6268/4C35A	THYR	AX9911	6268/4C35A	THYR	AX9911	6268/4C35A	THYR
ARS-25A	807	IR	B2A	2050A/2050	THYR	B2A	2050A/2050	THYR	B2A	2050A/2050	THYR
ARS-25A	807	IR	B65	5692	IR	B65	5692	IR	B65	5692	IR
ARS-25A	807	IR	B142	833A	TRANS	B142	833A	TRANS	B142	833A	TRANS
ARS-25A	807	IR	B143	833A	TRANS	B143	833A	TRANS	B143	833A	TRANS
ARS-25A	807	IR	B152	6679/12A17	IR	B152	6679/12A17	IR	B152	6679/12A17	IR
ARS-25A	807	IR	B329	6679/12A17	IR	B329	6679/12A17	IR	B329	6679/12A17	IR
ARS-25A	807	IR	B1109	3C24	TRANS	B1109	3C24	TRANS	B1109	3C24	TRANS
ARS-25A	807	IR	B1109	3C24	TRANS	B1109	3C24	TRANS	B1109	3C24	TRANS

Type to be Replaced	GE Replacement Type	Tube Class
A0897	A0897	PT
A0913	A0913	PT
A1834	6A57GA	IR
A1834	6080	IR
A-2130A	8005	TRANS
A-2203	2C43	PT
A-2214J	6161	TRANS
A-2222	2C43	PT
A-2229A	2C40A	PT
A-2251A	889RA/5667	TRANS
A-2252	889RA/5667	TRANS
A-2252	5675	TRANS
A-2293C	2C42	PT
A-2294C	2C46	PT
A-2352	5675	TRANS
A-4051	807	IR
A-4051G	807	IR
A-4051J	807	IR
A-4273B	5692	IR
A-4461	5749/6BA6W	IR
A-4475	6A57GA	IR
A-4535	6080	IR
A-4535A	6080	IR
A-4541H	5763	IR
AA91E	5726/6AL5W	IR
AC-1C	3B22	RECT
ACC-612	6807	THYR
AFX-212	604	IR
AG	83	IR
AG-866A	866A	RECT

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REED SWITCHES

General Electric Reed Switches offer a rugged design to withstand adverse conditions and a reliability to assure you of dependability for millions of trouble-free operations. These reed switches can be used in counters, instruments, key switches, limit switches, position indicators, flow meters, reed relays, toys, appliances, automobiles, cross-point switch systems, alarm devices, or any application where a small, simple, high-speed switching device is required.

DESCRIPTION

The heart of the GE reed switch is a set (two) of flat, metal reeds which are plated with a selected precious metal. These reeds are cantilever supported so that their free ends overlap and are separated by a small gap.

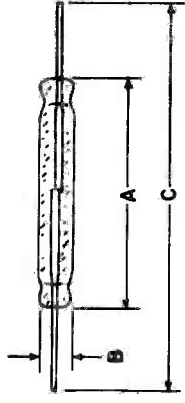
The reeds are contained in a glass capsule which supports and holds the reeds in alignment. The capsule is hermetically sealed with dry gas; since the contacts are totally encapsulated, GE reed switches are ideal for environments containing explosive or corrosive gases or liquids.

OPERATION

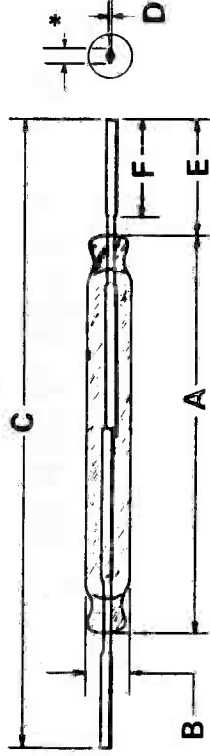
GE Reed Switches can be actuated by moving a permanent magnet close to the switch or by energizing an electromagnetic coil located near the switch. With either method, the switch actuates when the magnet flux is strong enough to overcome the tension over the blade containing the normally-open "SPST" contacts.

FEATURES

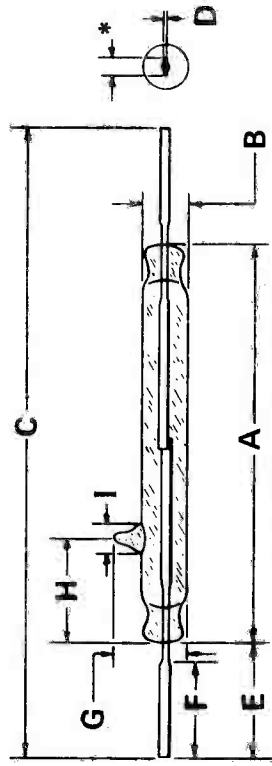
- Rugged—The compact package is built to withstand mechanical shock, vibration, and other adverse environmental conditions.
- Fast Operation—Quicker to respond than "heavier" conventional relays, GE reed switches are ideal for applications which require high-speed switching operation.
- Wide Selection—Sizes available range from sub-miniature to standard which are designed to switch dry circuit to 100 watts; breakdown voltages range from 300 VDC to 15 KVDC.
- Long, Reliable Life—The basic GE switch design—plus customized plating of reed surfaces for your specific application—assures dependability, millions of trouble-free operations.
- High Quality Assured—GE provides 100% in-process quality control to assure that only switches built and designed to the customer's specifications leave the line.



**SUBMINIATURE
MINIATURE
INTERMEDIATE**



STANDARD TWO INCH



HIGH VOLTAGE TWO INCH