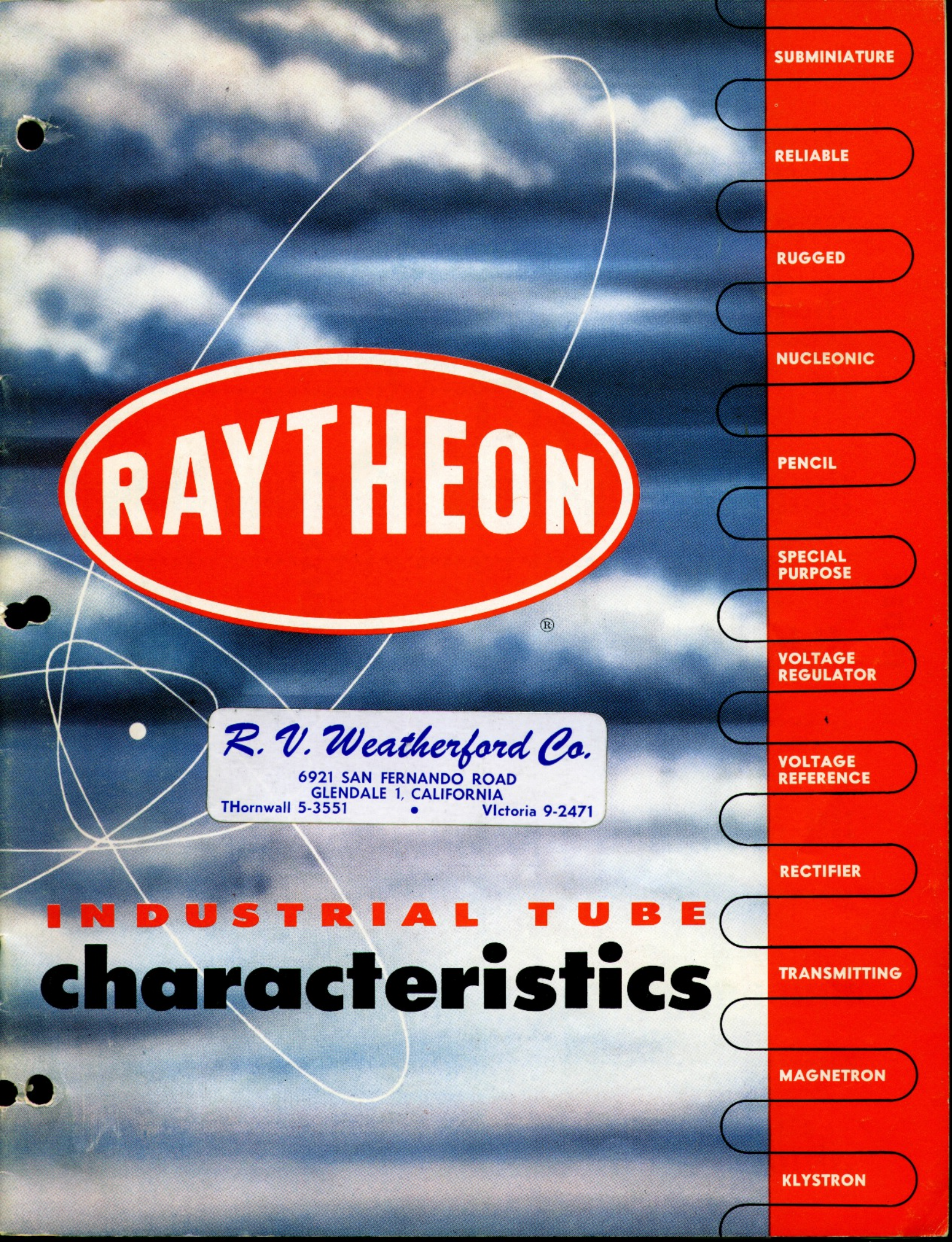


INDUSTRIAL TUBE characteristics

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NOTE: Some tube types listed in this booklet are included for reference purposes only. They are not recommended for new equipment design. These types are indicated by ★ in the index.

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SUBMINIATURE TUBES

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HTR or FILAMENT			TERM. CONN.	MAX. DIMENSIONS Inches			PLATE VOLTS	GRID 1 VOLTS	GRID 2 VOLTS	GRID 3 VOLTS	PLATE CURR. ma.	GRID 2 CURR. ma.	AMP. FACT.	PLATE RESIST. meg.	MUT. COND. μmhos	OUTPUT milliwatts or Voltage Gain (4)	LOAD RESIST. meg.	TYPE
			Volts	Ma.	Type		Length	Width	Thick-ness												
1AD4 [1]	Pentode	R-F Amplifier	1.25	100	Fil	5A	1.5	.385	.285	45	Rg = 2 meg	45		3.0	0.9		0.5	2000			**1AD4** [1]
1AE5	Heptode	Mixer	1.25	60	Fil	6A	1.5	.385	.285	45	Rg = 0.2 meg	45	0	0.9	2		0.2	200 [3]			**1AE5**
1AG4	Pentode	Power Amp.	1.25	40	Fil	5J	1.50	.385	.285	41.4	−3.6	41.4		2.4	0.6		0.18	1000	35	0.012	**1AG4**
1AG5	Diode-Pent.	Det.-Amplifier	1.25	30	Fil	6B	1.5	.385	.285	45	−2	45		0.28	0.12		2.5	250			**1AG5**
1AH4 [1]	Pentode	R-F Amplifier	1.25	40	Fil	5A	1.50	.385	.285	45	Rg = 5 meg	45		0.75	0.2		1.5	750			**1AH4** [1]
2E31 [1] **2E32** [1-2]	Pentode	R-F Amplifier	1.25	50	Fil	5A	1.5	.400	.285	22.5	Rg = 5.0 meg	22.5		0.4	0.3		0.35	500			**2E31** [1] **2E32** [1-2]
2E35 **2E36** [2]	Pentode	Power Amp.	1.25	30	Fil	5B	1.5	.400	.285	45	−1.25	45		0.45	0.11		0.25	500	6	0.1	**2E35** **2E36** [2]
2G21 **2G22** [2]	Triode-Hept.	Converter	1.25	50	Fil	7B	1 9/16	.400	.285	22.5	Rg = 0.05 meg	22.5	0	0.2	0.3		0.5	60 [3]	Eb Triode = 22.5 1b Triode = 1 ma		**2G21** **2G22** [2]
CK501AX	Pentode	Voltage Amp.	1.25	30	Fil	5J	1.5	.385	.285	30	Rg = 5 meg	30	Rg = 5 meg		Rg 2 = 3 meg				45 [4]	1	**CK501AX**
CK505AX	Pentode	Voltage-Amp.	0.625	30	Fil	5J	1.5	.385	.285	22.5	−0.625	22.5	Rg = 5 meg		Rg 2 = 3 meg.				38 [4]	1	**CK505AX**
CK507AX	Pentode	Power Amp.	1.25	45	Fil	5J	1.5	.385	.285	45	−2	45		0.9	0.3		0.3	575	11	0.05	**CK507AX**
CK509AX	Triode	Voltage Amp.	0.625	30	Fil	4B	1.25	.385	.285	45	0			0.15			0.15	160	16 [4]		**CK509AX**
CK510AX	Dble.Tetr.	Voltage Amp.	0.625	50	Fil	7D	1.25	.400	.285	30	Rg = 5 meg		Rg = 5 meg		Coupled to 5 meg load Rg 2 = 0.2 meg				150 [5]	2	**CK510AX**
CK511X	Pentode	Voltage Amp.	1.25	50	Fil	6C	1.75	Dia. 0.550		45	Rg = 10 meg	45	Rg = 10 meg		Coupled to 10 meg load Rg 2 = 3.3 meg				30 [4]	1.0	**CK511X**
CK512AX	Pentode	Voltage Amp.	0.625	20	Fil	5J	1.25	.385	.285	22.5	Rg = 5 meg	22.5	Rg = 5 meg		Coupled to 5 meg load Rg 2 = 2.7 meg				37 [4]	1	**CK512AX**
CK515BX	Triode	Voltage Amp.	0.625	30	Fil	4B	1.19	Dia. = .315		45	0			0.15		24		160	16 [4]	1.0	**CK515BX**
CK516AX	Triode	Voltage Amp.	0.625	20	Fil	5M	1.25	.385	.285	10	−1.2	10							3.5	0.04	**CK516AX**
CK518AX [1]	Pentode	Power Amp.	1.25	30	Fil	5D	1.5	.385	.285	45	−2	45		0.8	0.250		0.35	550	9.5	0.05	**CK518AX** [1]
CK520AX	Pentode	Power Amp.	0.625	50	Fil	5J	1.25	.385	.285	45	−2.5	45		0.24	0.075		1.0	150	3.5	0.15	**CK520AX**
CK521AX	Pentode	Power Amp.	1.25	50	Fil	5J	1.5	.385	.285	22.5	−3.0	22.5		0.6	0.175			400	3.5	0.04	**CK521AX**
CK523AX	Pentode	Power Amp.	1.25	30	Fil	5J	1.5	.385	.285	22.5	−1.2	22.5		0.3	0.075		0.3	360	2.5	0.075	**CK523AX**
CK524AX	Pentode	Power Amp.	1.25	30	Fil	5J	1.5	.385	.285	15	−1.75	15		0.45	0.125		0.2	300	2.2	0.03	**CK524AX**
CK525AX	Pentode	Power Amp.	1.25	20	Fil	5J	1.5	.385	.285	22.5	−1.2	22.5		0.25	0.06		0.33	325	2.2	0.06	**CK525AX**
CK526AX	Pentode	Power Amp.	1.25	20	Fil	5J	1.5	.385	.285	22.5	−1.5	22.5		0.525	0.135		0.22	425	3.75	0.05	**CK526AX**
CK527AX	Pentode	Power Amp.	1.25	15	Fil	5J	1.5	.385	.285	22.5	Rg = 5 meg	22.5		0.1	0.025		1.8	225	0.75	0.3	**CK527AX**
CK528AX [1]	Pentode	Power Amp.	1.25	20	Fil	5E	1.5	.385	.285	45	−1.25	45		0.675	0.150		0.7	560	10.5	0.2	**CK528AX** [1]
CK529AX [1]	Pentode	Power Amp.	1.25	20	Fil	5E	1.5	.385	.285	15	−1.25	15		0.32	0.075		0.3	350	1.6	0.05	**CK529AX** [1]
CK531DX	Pentode	Power Amp.	1.25	20	Fil	5J	1.25	.290	.235	15	−1.5	15		0.3	0.090		0.25	250	1.67	0.06	**CK531DX**
CK532DX	Pentode	Power Amp.	1.25	15	Fil	5J	1.25	.290	.235	22.5	Rg = 10 meg	22.5		0.4	0.125		0.18	450	1.7	0.1	**CK532DX**
CK533AX	Pentode	Power Amp.	1.25	15	Fil	5J	1.5	.385	.285	22.5	Rg = 5 meg	22.5		0.36	0.090		0.5	400	1.8	0.075	**CK533AX**
CK534AX	Pentode	Voltage Amp.	0.625	15	Fil	5J	1.25	.385	.285	15	−0.625	15	Rg = 5 meg		Coupled to 5 meg load Rg 2 = 1.5 meg				24 [4]	1	**CK534AX**
CK535AX	Pentode	Power Amp.	1.25	20	Fil	5J	1.5	.385	.285	15	−1.25	15		0.32	0.075		0.3	350	1.6	0.05	**CK535AX**

[1] Fully shielded by metallic coating.
[2] Leads are 0.016" diameter and 0.200" long.
See pages 20-21-22 for basing diagrams and terminal connections.
This data is compiled as a Raytheon service to the Field, it is not intended to indicate type availability.

SUBMINIATURE TUBES

RAYTHEON

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HTR or FILAMENT			TERM. CONN.	MAX. DIMENSIONS Inches			PLATE VOLTS	GRID 1 VOLTS	GRID 2 VOLTS	GRID 3 VOLTS	PLATE CURR. ma.	GRID 2 CURR. ma.	AMP. FACT.	PLATE RESIST. meg.	MUT. COND. μmhos	OUTPUT milliwatts or Voltage Gain (4)	LOAD RESIST. meg.	TYPE
			Volts	Ma.	Type		Length	Width	Thick-ness												
CK536AX [1]	Pentode	Power Amp.	1.25	15	Fil	5E	1.5	.385	.285	22.5	Rg = 5 meg	22.5		0.36	0.090		0.5	400	1.8	0.075	**CK536AX** [1]
CK537AX [1]	Pentode	Power Amp.	1.25	20	Fil	5E	1.5	.385	.285	22.5	−1.5	22.5		0.525	0.135		0.22	425	3.75	0.05	**CK537AX** [1]
CK538DX	Pentode	Voltage Amp.	0.625	15	Fil	5J	1.0	.290	.235	15	−0.625	15	Rg = 10 meg		Coupled to 10 meg load Rg 2 = 3.3 meg				28 [4]	2.2	**CK538DX**
CK539DX	Pentode	Power Amp.	1.25	15	Fil	5J	1.25	.290	.235	22.5	−1.4	22.5		0.25	0.075		0.25	300	2.2	0.1	**CK539DX**
CK541DX	Pentode	Power Amp.	1.25	15	Fil	5J	1.25	.290	.235	30	Rg = 10 meg	30		0.25	0.075		0.5	425	1.4	0.2	**CK541DX**
CK542DX	Pentode	Power Amp.	1.25	15	Fil	5J	1.25	.290	.235	22.5	−2.0	22.5		0.425	0.13		0.15	325	3.75	0.05	**CK542DX**
CK542DXS [1]	Pentode	Power Amp.	1.25	15	Fil	5E	1.25	.290	.235	22.5	−2.0	12.5		0.425	0.13		0.15	325	3.75	0.05	**CK542DXS** [1]
CK543DX	Pentode	Voltage Amp.	0.625	15	Fil	5J	1.0	.290	.235	15	−0.625	15	Rg = 10 meg		Coupled to 10 meg load Rg 2 = 3.3 meg				20 [4]	2.2	**CK543DX**
CK544DX	Pentode	Power Amp.	1.25	10	Fil	5J	1.25	.290	.235	30	Rg = 10 meg	30		0.120	0.035		1.2	325	0.52	0.2	**CK544DX**
CK545DX	Pentode	Voltage Amp.	0.625	7.5	Fil	5J	1.0	.290	.235	15	−0.625	15	Rg = 10 meg.		Rg 2 = 3.3 meg				25 [4]	2.2	**CK545DX**
CK547DX	Pentode	Power Amp.	1.25	10	Fil	5J	1.25	.290	.235	30	Rg = 10 meg	30		0.240	0.06		0.75	425	1.35	0.2	**CK547DX**
CK1034	Gas Diode	GM Counter			Cold	3A	2⅝	Dia. = .400		See Radiation Counter Tube Section for Characteristics											**CK1034**
CK1035	Gas Diode	GM Counter			Cold	3A	1.5	.385	.285	See Radiation Counter Tube Section for Characteristics											**CK1035**
CK1044	Gas Diode	GM Counter			Cold	3A	1.625	Dia. = .400		See Radiation Counter Tube Section for Characteristics											**CK1044**
CK5639 [7]	Pentode	Video Amplifier	6.3	450	Htr.	8DL	1.75	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK5639** [7]
CK5672	Pentode	Power Amp.	1.25	50	Fil	5F	1.5	.385	.285	67.5	−6.5	67.5		3.25	.95			650	65	0.02	**CK5672**
CK5676	Triode	UHF Osc.	1.25	120	Fil	4A	1.5	.385	.285	135	−5			4.0		15		1600			**CK5676**
CK5677	Triode	UHF Osc.	1.25	60	Fil	4A	1.5	.385	.285	135	−5.5			1.9		16		850			**CK5677**
CK5678 [1]	Pentode	R-F Amplifier	1.25	50	Fil	5A	1.5	.385	.285	67.5	5 meg	67.5		1.8	0.48		1.0	1100			**CK5678** [1]
CK5697	Triode	Electrometer	0.625	20	Fil	4C	1.25	.400	.285	12	−3			0.22		2.1		135	Max. Ic [1] = 5×10^{-13} amp.		**CK5697**
CK5702	Pentode	R-F Amplifier	6.3	200	Htr	7A	1.5	Dia. = .400		120	Rk200	120		7.5	2.5		0.34	5000			**CK5702**
CK5702WA	Pentode	R-F Amplifier	6.3	200	Htr	7A	1.5	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK5702WA**
CK5703	Triode	UHF Osc.	6.3	200	Htr	5G	1.5	Dia. = .400		120	Rk220			9		25		5000			**CK5703**
CK5703WA	Triode	UHF Osc.	6.3	200	Htr	5G	1.5	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK5703WA**
CK5704	Diode	Detector	6.3	150	Htr	4D	1.5	Dia. = .315		Max. RMS Plate Voltage = 150v; Max. Io = 9 madc											**CK5704**
CK5744	Triode	Amp.-HF Osc.	6.3	200	Htr	5H	1.5	Dia. = .400		250	Rk500			4		70		4000			**CK5744**
CK5744WA	Triode	Amp.-HF Osc.	6.3	200	Htr	5H	1.5	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK5744WA**
CK5783	Gas Diode	Volt. Reference			Cold	3A	1.5	Dia. = .400		See Voltage Reference Tube Section for Characteristics											**CK5783**
CK5783WA **CK5783WB**	Gas Diode	Volt. Reference			Cold	3A	1.5	Dia. = .400		See Voltage Reference Tube Section for Characteristics											**CK5783WA** **CK5783WB**
CK5784	Pentode	Mixer-Gated Amp.	6.3	200	Htr	7A	1.5	Dia. = .400		120	−2	120	0	5.2	3.5			3200			**CK5784**
CK5784WA	Pentode	Mixer-Gated Amp.	6.3	200	Htr	7A	1.5	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK5784WA**
CK5785	Diode	HW Rectifier	1.25	15	Fil	7F	1.5	.400	.300	See Rectifier Tube Section for Characteristics											**CK5785**
CK5787	Gas Diode	Volt. Regulator			Cold	3A	2 1/16	Dia. = .400		See Voltage Regulator Tube Section for Characteristics											**CK5787**
CK5787WA **CK5787WB**	Gas Diode	Volt. Regulator			Cold	3A	2 1/16	Dia. = .400		See Voltage Regulator Tube Section for Characteristics											**CK5787WA** **CK5787WB**

[1] Fully shielded by metallic coating.
[7] This type has an 8-lead subminiature button base.
See pages 20-21-22 for basing diagrams and terminal connections.
This data is compiled as a Raytheon service to the Field, it is not intended to indicate type availability.

SUBMINIATURE TUBES

RAYTHEON

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HTR or FILAMENT			TERM. CONN.	MAX. DIMENSIONS Inches			PLATE VOLTS	GRID 1 VOLTS	GRID 2 VOLTS	GRID 3 VOLTS	PLATE CURR. ma.	GRID 2 CURR. ma.	AMP. FACT.	PLATE RESIST. meg.	MUT. COND. μmhos	OUTPUT milliwatts or Voltage Gain (4)	LOAD RESIST. meg.	TYPE
			Volts	Ma.	Type		Length	Width	Thick-ness												
CK5829	Dble.Diode	Detector	6.3	150	Htr	7FA	1.5	.410	.285	Max. Inverse Peak Voltage = 330v; Max. Io = 5 ma. per plate											**CK5829**
CK5829WA	Dble. Diode	Detector	6.3	150	Htr	7FA	1.5	.410	.285	See Reliable Cathode Type Subminiature Section for Characteristics											**CK5829WA**
CK5851 [7]	Beam Pent.	R-F Pwr.Amp	1.25 2.5	110 55	Fil	8CA	1.6	Dia. = .400		125	−7.5	125		5.5	0.9		0.175	1600			**CK5851** [7]
CK5854	Pentode	Power Amp.	1.25	30	Fil	5B	1.5	.385	.285	45	−2.0	45		0.8	0.25		0.35	550	9.5	0.05	**CK5854**
CK5873 [7]	Dble. Triode	Voltage Amp.	6.3	300	Htr	8K	1.5	Dia. = .400		150	−3.0			9.0		22		2900	(Each Unit)		**CK5873** [7]
CK5875 [1]	Pentode	Radiosonde	1.25	100	Fil	5A	1.5	.385	.285	90	0	90		3.5	0.9			2500			**CK5875** [1]
CK5884	Dble. Tetr.	Electrometer	1.25	10	Fil	5K	1.625	.385	.285	20	Ec1/Ic1 = 0.10 ma	−5		0.10		1.05		25	Max.Ic^2 = 2×10^{-13} amp.	0.10	**CK5884**
CK5885 [7]	Dble. Tetr.	Electrometer	1.25	20	Fil	8CC	1.50	Dia. = .400		13.5	−3.0	Triode Conn.		0.185		2.4		160	Nom. Ic^1 = 1×10^{-12}		**CK5885** [7]
CK5886	Pentode	Electrometer	1.25	10	Fil	5C	1.5	.400	.285	10.5	−3.0	Triode Conn.		0.2		1.8		160	Max. Ic^1 = 2.5×10^{-13} amp.		**CK5886**
CK5889	Pentode	Electrometer	1.25	7.5	Fil	4G	1.6	Dia. = .400		12	−2.0	4.5		0.005	0.005		18	14	Max. Ic^1 = 3×10^{-15} amp.		**CK5889**
CK5967 [7]	Dble. Triode	R-F Amplifier	1.25	120	Fil	8CK	1.62	Dia. = .400		45	Rg = 5 meg.			3.0		17		175	(Each Unit)		**CK5967** [7]
CK5968 [7]	Dble. Triode	Mixer	1.25	120	Fil	8CK	1.62	Dia. = .400		45	0			0.7		45		1300	(Each Unit)		**CK5968** [7]
CK5969 [7]	Dble. Tetr.	R-F Pwr.Amp.	1.25	200	Fil	8CB	1.625	Dia. = .400		135	−3	45		6.0	0.5			1700	(Each Unit)		**CK5969** [7]
CK5970 [7]	Dble. Pent.	R-F Amplifier	1.25	160	Fil	8CD	1.62	Dia. = .400		45	Rg = 5 meg.	45		3.0	0.9		0.17	1850	(Each Unit)		**CK5970** [7]
CK5971	Triode	Amp-Osc.	1.25	80	Fil	5R	1.5	.385	.285	67.5	Rg = 5 meg			3.5		23		2100			**CK5971**
CK5972 [1]	Pentode	R-F Amplifier	1.25	60	Fil	5A	1.5	.385	.285	67.5	Rg = 2 meg	67.5		2.5	0.8		1.0	1300			**CK5972** [1]
CK5975	Triode	Amp.-Osc.	6.3	175	Htr	7BB	1.5	Dia. = .400		100	Rk270			10		17.5		5100			**CK5975**
CK5995	Diode	HW Rectifier	6.3	300	Htr	7BA	1.75	Dia. = .400		See Rectifier Tube Section for Characteristics											**CK5995**
CK6021 [7]	Dble. Triode	Voltage Amp.	6.3	300	Htr	8CF	1⅜	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK6021** [7]
CK6029	Triode	UHF Osc.	1.25	200	Fil	4A	1.5	.385	.285	90	−4			11		8.5		2000			**CK6029**
CK6050	Triode	UHF Osc.	1.25	120	Fil	4A	1.5	.385	.285	135	−5			4.0		15		1600			**CK6050**
CK6051	Pentode	Power Amp.	1.25	100	Fil	5L	1.5	.385	.285	45	−4	45		3.0	0.9		0.035	1200	50	0.02	**CK6051**
CK6088	Pentode	Power Amp.	1.25	20	Fil	5J	1.5	.385	.285	45	−1.25	45		0.675	0.150		0.7	560	10.5	0.2	**CK6088**
CK6092	Pentode	Power Amp.	1.25	50	Fil	5J	1.5	.385	.285	45	−4.5	45		1.4	0.4			600	25	0.03	**CK6092**
CK6110 [7]	Dble. Diode	Detector	6.3	150	Htr	8CH	1⅜	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK6110** [7]
CK6111 [7]	Dble. Triode	Voltage Amp.	6.3	300	Htr	8CF	1⅜	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK6111** [7]
CK6112 [7]	Dble. Triode	Voltage Amp.	6.3	300	Htr	8CF	1⅜	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK6112** [7]
CK6147 [6-7]	Beam Pentode	R-F Pwr Amp Dblr	1.25 2.5	125 62.5	Fil	8CA	1.6	Dia. = .400		125	−7.5	125		5.5	0.9		0.175	1600			**CK6147** [6-7]
CK6152	Triode	Amp.-Osc.	6.3	200	Htr	7BB	1.5	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK6152**
CK6213	Gas Diode	Voltage Ref.			Cold	3A	1⅜	Dia. = .400		See Voltage Reference Tube Section for Characteristics											**CK6213**
CK6245	Pentode	UHF Amplifier	6.3	200	Htr	7A	1.50	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK6245**
CK6247 [7]	Triode	Low μph Amplifier	6.3	200	Htr	8XC	1⅜	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK6247** [7]
CK6281 [1]	Pentode	R-F Amplifier	0.625	20	Fil	5E	1.25	.385	.285	22.5	Rg = 5 meg	22.5	Rg = 5 meg		Rg 2 = 2.7 meg				37 [4]	1	**CK6281** [1]

[1] Fully shielded by metallic coating.
[6] Filament center-tap provided for 1.25 or 2.5 volt operation. Type is designed for intermittent service operation.
[7] This type has an 8-lead subminiature button base.
See pages [illegible]-22 for basing diagrams and terminal connections.
This data is [illegible]piled as a Raytheon service to the Field, it is not intended to indicate type availability.

SUBMINIATURE TUBES

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HTR or FILAMENT			TERM. CONN.	MAX. DIMENSIONS Inches			PLATE VOLTS	GRID 1 VOLTS	GRID 2 VOLTS	GRID 3 VOLTS	PLATE CURR. ma.	GRID 2 CURR. ma.	AMP. FACT.	PLATE RESIST. meg.	MUT. COND. μmhos	OUTPUT milliwatts or Voltage Gain (4)	LOAD RESIST. meg.	TYPE
			Volts	Ma.	Type		Length	Width	Thick-ness												
CK6286	Triode	Osc.-Amp.	1.25	125	Fil	4A	1.5	.385	.285	67.5	−2			6.0		11.5		2100			**CK6286**
CK6397 [6-7]	Beam Pent.	R-F Pwr Amp Dblr	1.25 2.5	125 62.5	Fil	8CA	1.60	Dia. = .400		125	−7.5	125		7.25	1.2			1950			**CK6397** [6-7]
CK6418	Pentode	Power Amp.	1.25	10	Fil	5L	1.25	.290	.235	22.5	−1.2	22.5	—	0.24	0.06	—	0.42	300	2.2	0.1	**CK6418**
CK6419	Pentode	Voltage Amp.	0.625	10	Fil	5L	1.0	.290	.235	15	−0.625	15	Rg = 10 meg		Coupled to 10 meg load Rg 2 = 3.3 meg				27 [4]	2.2	**CK6419**
CK6436	Gas Diode	H W Rectifier			Cold	5P	1 13/16	Dia. = .400		See Rectifier Tube Secton for Characteristics											**CK6436**
CK6437	Gas Diode	Volt. Regulator			Cold	3A	1 5/8	Dia. = .400		See Voltage Regulator Section for Characteristics											**CK6437**
CK6438	Gas Diode	Volt. Regulator			Cold	3A	1 5/8	Dia. = .400		See Voltage Regulator Section for Characteristics											**CK6438**
CK6519	Pentode	Power Amp.	1.25	10	Fil	5J	1.25	.290	.235	22.5	Rg = 10 meg	22.5		.375	0.40	0.10	0.3	425	450	1.5	**CK6519**
CK6526	Pentode	Power Amp	1.25	125	Fil	5L	1.5	.385	.285	110	−6	110		6.5	1.15			1900	375	0.01	**CK6526**
CK6533 [7]	Triode	Low μph Amp.	6.3	200	Htr	8XE	1 3/8	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK6533** [7]
CK6540	Special CK5702WA	R-F Amplifier	6.3	200	Htr	7A	1.5	Dia. = .400		See Reliable Cathode Type Subminiature Section for Characteristics											**CK6540**
CK6542	Gas Diode	Volt.Regulator			Cold	3A	2.50	Dia. = .400		See Voltage Regulator Section for Characteristics											**CK6542**
CK6611	Pentode	R-F Amplifier	1.25	20	Fil	5A	1.5	.385	.285	30	Rg = 5 meg	30		1.0	.350		0.4	1000			**CK6611**
CK6612	Pentode	R-F Amplifier	1.25	80	Fil	5A	1.5	.385	.285	30	Rg = 2 meg	30		3.0	1.0		0.18	3000			**CK6612**
CK6659	Gas Diode	H W Rectifier			Cold	5N	2 1/8	Dia. = .400		See Rectifier Tube Section for Characteristics											**CK6659**
CK6832 [7]	Dble. Triode	D-C Amplifier	6.3	400	Htr	8CF	1.50	Dia. = .400		See Reliable Cathode Section for Characteristics											**CK6832** [7]
CK6872	Pentode	R-F Amplifier	6.3	200	Htr	7A	1.50	Dia. = .400		See Reliable Cathode Section for Characteristics											**CK6872**

[1] Fully shielded by metallic coating.
[2] Leads are 0.016" diameter and 0.200" long.
[3] Conversion Conductance.
[4] Voltage Gain (times.)
[5] Space-Charge tube, value given is cascade gain.
[6] Filament center-tap provided for 1.25 or 2.5 volt operation. Type is designed for intermittent service operation.
[7] This type has an 8-lead subminiature button base.
See pages 20-21-22 for basing diagrams and terminal connections.
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RELIABLE MINIATURE TUBES

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HTR or FILAMENT			BASING	MAX. DIMENSIONS Inches		PLATE VOLTS	GRID VOLTS	GRID 2 VOLTS	GRID 3 VOLTS	PLATE CURR. ma.	GRID 2 CURR. ma.	AMP. FACT.	PLATE RESIST. meg.	MUT. COND. μmhos	OUTPUT watts	LOAD RESIST. ohms	TYPE
			Volts	Amps.	Type		Height	Diam.												
OA2WA	Gas Diode	Volt. Regulator			Cold	7G	2 5/8	3/4	See Voltage Regulator Section for Characteristics											**OA2WA**
OB2WA	Gas Diode	Volt. Regulator		Cold		7G	2 5/8	3/4	See Voltage Regulator Tube Section for Characteristics											**OB2WA**
6AN5WA	Pentode	RF-AF Pwr. Amp.	6.3	0.45	Htr.	7BD	2 1/8	3/4	120	Rk 125	120		33.0	11.0		0.0125	8500	1.25	2500	**6AN5WA**
6C4WA	Triode	Osc.-Amplifier	6.3	0.15	Htr	9U	2 1/8	3/4	250	−8.5			10.5		17		2200			**6C4WA**
CK5651WA	Gas Diode	Volt. Reference		Cold		7G	2 1/8	3/4	See Voltage Reference Tube Section for Characteristics											**CK5651WA**
CK5654																				**CK5654**
CK5654/ 6AK5W	Pentode	R-F Amplifier	6.3	0.175	Htr	7BD	1 3/4	3/4	120	−2	120		7.5	2.5		0.34	5000			**CK5654/ 6AK5W**
CK5654/ 6AK5W/ 6096																				**CK5654/ 6AK5W/ 6096**
CK5670 CK5670WA	Dble. Triode	Voltage Amp.	6.3	0.35	Htr	8CJ	1 3/4	7/8	150	Rk240			8.2		35		5500	(Each Unit)		**CK5670 CK5670WA**
CK5686	Pentode	RF-AF Power Amp.	6.3	0.35	Htr	9J	2 3/16	7/8	250	−12.5	250		27	3.0			3100	2.7	9000	**CK5686**
CK5725	Pentode	Mixer-Gated Amp.	6.3	0.175	Htr	9P	1 3/4	3/4	120	−2	120	0	5.2	3.5			3200			**CK5725**
CK5726	Dble. Diode	Detector	6.3	0.3	Htr	9M	1 3/4	3/4	Max. Peak Inverse = 330v; Max. Io = 9 madc per Plate.											**CK5726**
CK5749	Pentode	R-F Amplifier	6.3	0.3	Htr	9X	2 1/8	3/4	250	Rk68	100	0	11	4.2		1.0	4400			**CK5749**
CK5750	Heptode	Converter	6.3	0.3	Htr	8Z	2 1/8	3/4	250	Rg20k	100	−1.5	2.5	7.5		1.0	500[3]			**CK5750**
CK5751	Dble. Triode	Voltage Amp.	6.3 12.6	0.35 0.175	Htr	9W	2 3/16	7/8	250	−3			1.0		70	0.058	1200	(Each Unit)		**CK5751**
CK5814 CK5814A CK5814WA	Dble. Triode	Voltage Amp.	6.3 12.6	0.35 0.175	Htr	9W	2 3/16	7/8	250	−8.5			10.5		17	0.0077	2200	(Each Unit)		**CK5814 CK5814A CK5814WA**
CK6005	Beam Pentode	AF Amplifier	6.3	0.45	Htr	7L	2 5/8	3/4	250	−12.5	250		45	4.5		0.052	4100	4.5	5000	**CK6005**
CK6100	Triode	Osc.-Amplifier	6.3	0.15	Htr.	9U	2 1/8	3/4	250	−8.5			10.5		17		2200			**CK6100**
CK6101	Dble. Triode	UHF Oscillator	6.3	0.45	Htr.	7BF	2 1/8	3/4	100	Rk50			9.0		38		6000	(Each Unit)		**CK6101**
CK6135	Triode	Osc.-Amplifier	6.3	0.175	Htr	9U	2 1/8	3/4	250	−8.5			10.5		17		2200			**CK6135**
CK6186	Pentode	RF Amplifier	6.3	0.3	Htr	7BD	2 1/8	3/4	250	Rk200	150		7.0	2.0		0.8	5000			**CK6186**

[3] Conversion Conductance

SQUARE LAW TUBE

TYPE	CONSTRUCTION	TYPICAL APPLICATION	FILAMENT			MAX. RATINGS				TYPICAL OPERATION						(μμf) CAPACITANCE				BASE	TYPE
			Volts	Amps.	Type	Deflect.	Target	Collector	Cathode	Defl.	Target	Collector	Cathode	Input	Output	Input	Output	Coupling	Inter-Anode		
QK329	Beam Deflection	Function Squaring	6.3	1.0	Cathode	100V	600V	600V	20 Ma.	90V	300V	300V	4 Ma.	±75V	12V	1.0	15	5	8	14 Pin Med. Shell	**QK329**

See pages 20-21-22 for basing diagrams and terminal connections.
This data is c[illegible]d as a Raytheon service to the Field, it is not intended to indicate type availability.

RELIABLE CATHODE TYPE SUBMINIATURE TUBES

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HEATER		TERM. CONN.	MAX. DIMENSIONS		PLATE VOLTS	GRID 1 VOLTS	GRID 2 VOLTS	GRID 3 VOLTS	PLATE CURR.	GRID 2 CURR.	AMP FACT	PLATE RESIST	MUT COND.	TYPE
			Volts	Amps.		Height	Diam.					ma.	ma.		meg.	umhos	
CK5639 [7]	Pentode	Video Amplifier	6.3	0.45	8DL	1¾	.400	150	Rk100	100	0	21.0	4.0		0.05	9000	**CK5639** [7]
CK5643 [7]	Gas Tetrode	Control Circuits	6.3	0.15	8DD	1⅜	.400	See Thyratron Tube Section for Characteristics									**CK5643** [7]
CK5702WA	Pentode	RF Amplifier	6.3	0.2	7A	1.5	.400	120	Rk200	120	0	7.5	2.6		0.34	5000	**CK5702WA**
CK5703WA	Triode	UHF Osc.	6.3	0.2	5G	1.5	.400	120	Rk220			9.4		25.5		5000	**CK5703WA**
CK5744WA	Triode	Amp.-HF Osc.	6.3	0.2	5H	1.5	.400	250	Rk500			4.2		70		4000	**CK5744WA**
CK5783WA **CK5783WB**	Gas Diode	Volt. Reference	Cold		3A	1.5	.400	See Voltage Reference Tube Section for Characteristics									**CK5783WA** **CK5783WB**
CK5784WA	Pentode	Mixer-Gated Amp.	6.3	0.2	7A	1.5	.400	120	−2	120	0	5.2	3.5			3200	**CK5784WA**
CK5787WA **CK5787WB**	Gas Diode	Volt. Regulator	Cold		3A	2 1/16	.400	See Voltage Regulator Tube Section for Characteristics									**CK5787WA** **CK5787WB**
CK5829WA	Dble. Diode	Detector	6.3	0.15	7FA	1.5	W = .410 Th = .285	Max. Inverse Peak Voltage = 330 v; Max. Io = 5 ma. per plate									**CK5829WA**
CK6021 [7]	Dble. Triode	Voltage Amp.	6.3	0.3	8CF	1⅜	.400	100	Rk150			6.5		35		5400 (Each Unit)	**CK6021** [7]
CK6110 [7]	Dble. Diode	Detector	6.3	0.15	8CH	1⅜	.400	Max. Inverse Peak Voltage = 420 v; Max. I_o = 4 ma. per plate									**CK6110** [7]
CK6111 [7]	Dble. Triode	Voltage Amp.	6.3	0.3	8CF	1⅜	.400	100	Rk220			8.5		20		5000 (Each Unit)	**CK6111** [7]
CK6112 [7]	Dble. Triode	Voltage Amp.	6.3	0.3	8CF	1⅜	.400	100	Rk1500			0.8		70		1800 (Each Unit)	**CK6112** [7]
CK6152	Triode	Amp.-Osc.	6.3	0.20	7BB	1.5	.400	100	Rk270			10.0		17.5		5100	**CK6152**
CK6245	Pentode	UHF Amplifier	6.3	0.20	7A	1.5	.400	20	0	30	0	2.5		1.0		3275	**CK6245**
CK6247 [7]	Triode	Low μph Amplifier	6.3	0.20	8XC	1⅜	.400	250	Rk500	Max. Noise Out. = 2.5 m Vac Acr. 10,000 ohms		4.2		60		2650	**CK6247** [7]
CK6533 [7]	Triode	Low μph Amplifier	6.3	0.20	8XE	1⅜	.400	120	Rk1500	Max. Noise Out. = 1.0 m Vac Acr. 10,000 ohms		0.9		54		1750	**CK6533** [7]
CK6540	Special CK5702WA	R. F. Amplifier	6.3	0.20	7A	1.5	.400	120	Rk200	120	0	7.5	2.6		0.34	5000	**CK6540**
CK6542	Gas Diode	Volt. Regulator	Cold		3A	2⅛	.400	See Voltage Regulator Section for Characteristics									**CK6542**
CK6832 [7]	Dble. Triode	D-C Amplifier	6.3	0.40	8CF	1.5	.400	100	Rk3000			0.75		26	0.026	1000	**CK6832** [7]
CK6872	Pentode	R-F Amplifier	6.3	0.20	7A	1.5	.400	120	Rk200	120	0	7.75	2.7			4100	**CK6872**

This type has an 8-lead subminiature button base.

See pages 20-21-22 for basing diagrams and terminal connections.
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RUGGED TUBES

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HTR or FILAMENT Volts	Amps	Type	BASING	MAX. DIMENSIONS Height	Diam.	PLATE VOLTS	GRID 1 VOLTS	GRID 2 VOLTS	GRID 3 VOLTS	PLATE CURR. ma.	GRID 2 CURR. ma.	AMP. FACT.	PLATE RESIST. meg.	MUT. COND. μmhos	TYPE
RK3B24W	Diode	HW Rectifier	2.5 5.0	3.0 3.0	Fil	8EA	4 13/16	1 9/16	See Rectifier Tube Section for Characteristics									**RK3B24W**
5R4WGY	Dble. Diode	FW Rectifier	5.0	2.0	Fil	8WB	5 5/16	2 1/16	See Rectifier Tube Section for Characteristics									**5R4WGY**
6AK5W	Pentode	RF Amplifier	6.3	0.175	Htr	7BD	1 3/4	3/4	120	−2	120		7.5	2.5		0.34	5000	**6AK5W**
6AL5W	Dble. Diode	Detector	6.3	0.3	Htr	9M	1 3/4	3/4	Max. Peak Inverse = 330 v; Max. Io = 9 madc per plate									**6AL5W**
6AS6W	Pentode	Mixer-Gated Amp.	6.3	0.175	Htr	9P	1 3/4	3/4	120	−2	120	0	5.2	3.5			3200	**6AS6W**
6C4W	Triode	Osc.-Amplifier	6.3	0.15	Htr	9U	1 3/4	3/4	250	−8.5			10.5		17		2200	**6C4W**
6J5WGT	Triode	Voltage Amplifier	6.3	0.3	Htr	9R	3 5/16	1 5/16	250	−8			9.0		20		2600	**6J5WGT**
6J6W	Dble. Triode	UHF Oscillator	6.3	0.45	Htr	7BF	2 1/8	3/4	100	Rk50			8.5		38		5300 (Each Unit)	**6J6W**
6SA7WGT	Heptode	Converter	6.3	0.3	Htr	9V	3 5/16	1 1/4	250	Rg = 20000	100	−2	3.5	8.5		1.0	450 [3]	**6SA7WGT**
6SJ7WGT	Pentode	RF-AF Amplifier	6.3	0.3	Htr	9L	3 5/16	1 5/16	250	−3	100	0	3.0	0.8		>1.0	1650	**6SJ7WGT**
6SN7WGT	Dble. Triode	Voltage Amplifier	6.3	0.6	Htr	8BD	3 5/16	1 9/32	250	−8			9.0		20		2600 (Each Unit)	**6SN7WGT**
6X4W	Dble. Diode	FW Rectifier	6.3	0.6	Htr	9Q	2 5/8	3/4	See Rectifier Tube Section for Characteristics									**6X4W**
6X5WGT	Dble. Diode	FW Rectifier	6.3	0.6	Htr	8XB	3 5/16	1 9/32	See Rectifier Tube Section for Characteristics									**6X5WGT**
12J5WGT	Triode	Voltage Amplifier	12.6	0.15	Htr	9R	3 5/16	1 5/16	250	−8			9.0		20		2600	**12J5WGT**

[3] Conversion Conductance

RADIATION COUNTER (GEIGER-MUELLER) TUBES

(All glass, self-quenching)

TYPE	MAX. DIMENSIONS Inches Length	Diam.	TERMINAL CONN.	OPERATING VOLTAGE Volts DC	PLATEAU LENGTH (minimum) Volts DC	RELATIVE PLATEAU SLOPE (maximum) Per 100V	GEIGER THRESHOLD Volts DC max.	TYPICAL BACKGRND Unshielded counts/min.	AMBIENT TEMPERATURE RANGE °C	WALL HEIGHT Nominal mg/sq.cm.	EFFICIENCY %	LIFE counts	TYPE
1B90	8.25	0.81	8HA	Thres. +50	150	3%	1100	60	−40 to +50	35	90	10^8	**1B90**
CK1018	8.25	0.81	8HA	925	150	3%	850	60	−40 to +55	35	90	10^8	**CK1018**
CK1019	8 25	0.81	8HA	970	150	3%	880	60	−40 to +55	35	90	10^8	**CK1019**
CK1020	6.0	0.75	9S	925	150	3%	850	60	−40 to +55	35	90	10^8	**CK1020**
CK1021	5.25	0.66	9S	925	150	3%	850	60	−40 to +55	35	90	10^8	**CK1021**
CK1023	5.0	0.75	5DA	925	150	3%	850	60	−40 to +55	35	90	10^8	**CK1023**
CK1026	3.0	0.75	8HB	900	150	20%	760	60	−50 to +55	175		$>10^{10}$	**CK1026**
CK1029	5.25	0.66	9S	925	150	3%	850	60	−40 to +55	35	90	10^8	**CK1029**
CK1032	3.0	0.75	8HB	1200	150	30%	1000	30	−50 to +70	175		10^8	**CK1032**
CK1034	2.63	0.40	3A	700	Ib = 50 μa at 500 Roentgens per hour				−55 to +70	Heavy		$>10^{10}$	**CK1034**
CK1035	1.50	W = 0.39 Th = 0.29	3A	700	Ib = 50 μa at 500 Roentgens per hour				−55 to +70	Heavy		$>10^{10}$	**CK1035**
CK1044	1.63	0.40	3A	700	Ib = 50 μa at 500 Roentgens per hour				−55 to +70	Heavy		$>10^{10}$	**CK1044**
CK1049	5.75	0.75	8HB	900	150	20%	760	150	−50 to +55	35		$>10^{10}$	**CK1049**

See pages 20-21-22 for basing diagrams and terminal connections.
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VOLTAGE REGULATOR-VOLTAGE REFERENCE TUBES

TYPE	TYPICAL APPLICATION	BASING	MAX. DIMENSIONS Inches		MIN. STARTING VOLTAGE SUPPLY IN LIGHT	OPERATING VOLTAGE Approx.	MIN. OPERATING CURRENT ma.	MAX. OPERATING CURRENT ma.	MAX. REGULATION Volts	TYPE
			Height	Diam.						
0A2	Voltage Regulator	7G	2 5/8	3/4	185	150	5	30	6	**0A2**
0A2WA	Voltage Regulator	7G	2 5/8	3/4	165	150	5	30	5	**0A2WA**
0A3/VR75	Voltage Regulator	9T	4 1/8	1 9/16	105	75	5	40	6.5	**0A3/VR75**
0B2	Voltage Regulator	7G	2 5/8	3/4	133	108	5	30	3.5	**0B2**
0B2WA	Voltage Regulator	7G	2 5/8	3/4	133	108	5	30	3.0	**0B2WA**
0B3/VR90	Voltage Regulator	9T	4 1/8	1 9/16	130	90	5	30	6	**0B3/VR90**
0C3/VR105	Voltage Regulator	9T	4 1/8	1 9/16	133	105	5	40	4	**0C3/VR105**
0D3/VR150	Voltage Regulator	9T	4 1/8	1 9/16	185	150	5	40	5.5	**0D3/VR150**
1B46	Voltage Regulator	9Z	1.66	0.63	225	82	1	2	3	**1B46**
1B47	Voltage Regulator	9Z	1.66	0.63	225	82	1	2	3	**1B47**
CK1017	Voltage Regulator	7H	2 11/16	3/4	800	700	0.005	0.055	15	**CK1017**
CK1022	Voltage Regulator	7H	2 11/16	3/4	1100	1000	0.005	0.055	20	**CK1022**
CK1038	Voltage Regulator	3A	1 5/8	0.400	930	900	0.005	0.055	15	**CK1038**
CK5651	Voltage Reference	7G	2 1/8	3/4	115	82–92	1.5	3.5	3	**CK5651**
CK5651WA	Voltage Reference	7G	2 1/8	3/4	115	82–88	1.5	3.5	2	**CK5651WA**
CK5783	Voltage Reference	3A	1 1/2	0.400	115	82–92	1.5	3.5	3	**CK5783**
CK5783WA CK5783WB	Voltage Reference	3A	1 1/2	0.400	115	83–89	1.5	3.5	3	**CK5783WA CK5783WB**
CK5787	Voltage Regulator	3A	2 1/16	0.400	145	95–103	5	25	5	**CK5787**
CK5787WA CK5787WB	Voltage Regulator	3A	2 1/16	0.400	141	95–103	5	25	3	**CK5787WA CK5787WB**
CK5962	Voltage Regulator	7H	2 11/16	3/4	750	700	0.002	0.055	15	**CK5962**
CK6073	Voltage Regulator	7G	2 5/8	3/4	185	150	5	30	6	**CK6073**
CK6074	Voltage Regulator	7G	2 5/8	3/4	133	108	5	30	4	**CK6074**
CK6213	Voltage Reference	3A	1 3/8	0.400	200	127–133	1	2.5	2	**CK6213**
CK6437	Voltage Regulator	3A	1 5/8	0.400	800	700	0.005	0.100	15	**CK6437**
CK6438	Voltage Regulator	3A	1 5/8	0.400	1400	1200	0.005	0.100	20	**CK6438**
CK6542	Voltage Regulator	3A	2 1/8	0.400	185	150	5	25	6	**CK6542**

THYRATRON TUBES

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HTR or FILAMENT			BASING	MAX. DIMENSIONS		MAX. PEAK INVERSE ANODE VOLTS	PEAK STARTER-ANODE BREAKDOWN VOLTS	MAX. PEAK CATHODE CURRENT	MAX. AVERAGE CATHODE CURRENT	TYPE
			Volts	Amps	Type		Height	Diam.					
0A4G	Gas Triode	Relay Service			Cold	8CT	4 1/8	1 9/16	225	+75 to +90	100 ma.	25 ma.	**0A4G**
2C33/RX233A	Gas Triode	Trigger Service	2.5	2.5	Fil.	8A	4 5/16	1 17/64	1500		1.5 amp.	25 ma.	**2C33/RX233A**
2D21	Gas Tetrode	Relay Service	6.3	0.6	Htr.	7BN	2 1/8	3/4	1300		0.5 amp.	0.1 amp.	**2D21**
4C35	Gas Triode	Pulsing or Switching Service	6.3	6.1	Fil.		7	2 9/16	2500		90 amp.	100 ma.	**4C35**
RK61	Gas Triode	Model Aircraft Control	1.4	0 05	Fil.	4E	1 13/16	0.55	Special Circuit—Write for Data				**RK61**
RX884	Gas Triode	Sweep Oscillator	6.3	0.6	Htr.	8H	4 1/8	1 9/16	350		300 ma.	75 ma.	**RX884**
RX885	Gas Triode	Sweep Oscillator	2.5	1.5	Htr.	8F	4 3/16	1 9/16	350		300 ma.	75 ma.	**RX885**
CK1089	Gas Tetrode	Relay or Indicator Service			Cold	4F	2	3/4		75	20 ma.	15 ma.	**CK1089**
2050	Gas Tetrode	Relay Service	6.3	0.6	Htr.	8J	4 1/8	1 9/16	1300		1 amp.	100 ma.	**2050**
2051	Gas Tetrode	Relay Service	6.3	0.6	Htr.	8J	4 1/8	1 9/16	700		375 ma.	75 ma.	**2051**

See pages 20-21-22 for basing diagrams and terminal connections.
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SPECIAL PURPOSE TUBES

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HTR or FILAMENT			BASING	MAX. DIMENSIONS Inches		PLATE VOLTS	GRID 1 VOLTS	GRID 2 VOLTS	GRID 3 VOLTS	PLATE CURR. ma.	GRID 2 CURR. ma.	AMP. FACT.	PLATE RESIST. meg.	MUT. COND. μmhos	OUTPUT watts	LOAD RESIST. ohms	TYPE
			Volts	Amps.	Type		Height	Diam.												
1AE4	Pentode	R-F Amplifier	1.25	0.1	Fil	8YA	2 1/8	3/4	90	0	90		3.5	1.2		0.5	1550			**1AE4**
2C50	Dble. Triode	Power Amplifier	12.6	0.3	Htr	8BD	3 3/16	1 5/16	200	−11			18.0		10		2900	(Each Unit)		**2C50**
2C52	Dble. Triode	Voltage Amp.	12.6	0.3	Htr	8BD	3 5/16	1 5/16	250	−2			1.3		90		1600	(Each Unit)		**2C52**
3A4	Pentode	RF-AF Pwr. Amp.	1.4 2.8	0.2 0.1	Fil	7BX	2 1/8	3/4	150	−8.4	90		13.3	2.2		0.1	1900	0.7	8000	**3A4**
3A5	Dble. Triode	AF-RF Amp. Osc.	2.8 1.4	0.11 0.22	Fil	7BW	2 1/8	3/4	90	−2.5			3.7		15		1800	(Each Unit)		**3A5**
3B4	Beam Pentode	RF Amp. Osc.	2.5	0.165	Fil	7BU	2 1/8	3/4	90	Rg = 45K	90		15	4.8	(IC_1 = 0.55 ma)			0.8	(at 100 Mc)	**3B4**
6AJ5	Pentode	RF-AF Amplifier	6.3	0.175	Htr	7BD	1 3/4	3/4	28	Rk200	28		3	1.2		0.090	2750			**6AJ5**
6AN5	Pentode	RF-AF Pwr. Amp.	6.3	0.45	Htr	7BD	2 1/8	3/4	120	Rk120	120		35	12		0.0125	8000	1.3	2500	**6AN5**
6AR6	Pentode	Power Amp.	6.3	1.2	Htr	9Y	3 15/32	1 7/16	250	−22.5	250		75	5.0		0.021	5400			**6AR6**
6AS6	Pentode	Mixer-Gated Amp.	6.3	0.175	Htr	9P	1 3/4	3/4	120	−2	120	0	5.2	3.5			3200			**6AS6**
6AS7G	Dble. Triode	DC Amplifier	6.3	2.5	Htr	8BD	5 5/16	2 1/16	135	Rk250			125		2.1		7500			**6AS7G**
6J4	Triode	UHF Amplifier	6.3	0.4	Htr	7BT	2 1/8	3/4	150	Rk100			15.0		55		12000			**6J4**
6N4	Triode	HF Oscillator	6.3	0.2	Htr	7CA	1 3/4	3/4	180	−3.5			12		32		6000			**6N4**
7AK7	Pentode	Mixer-Gated Amp.	6.3	0.8	Htr	8V	3 5/32	1 3/16	150	0	90	0	40	21		0.0115	6500			**7AK7**
CK108	Pentode	R-F Amplifier	6.3	0.3	Htr	6F	4 17/32	1 9/16	250	−3	100		2.3	0.5		1.5	1250			**CK108**
CK118	Thermal Relay	Overload Protect.				8S	2 7/8	1.275	Operating volt. = 6.9 ± 0.2v; Release volt = 2.0 to 3.5 volts. Write for data											**CK118**
310A	Pentode	RF-AF Amplifier	10.0	0.315	Htr	6F	4 19/32	1 9/16	135	−3	135		5.6	1.5		0.75	1875			**310A**
954	Pentode	UHF Amplifier	6.3	0.15	Htr	8B	1 7/8	1 5/32	250	−3	100		2	0.7		> 1	1400			**954**
955	Triode	UHF Oscillator	6.3	0.15	Htr	8D	1 3/8	1 5/32	250	−7			6.3		25		2200			**955**
956	Pentode	UHF Amplifier	6.3	0.15	Htr	8B	1 7/8	1 5/32	250	−3	100		6.7	2.7		0.7	1800			**956**
957	Triode	UHF Oscillator	1.25	0.05	Fil	8C	1 3/8	1 5/32	135	−5			2		13.5		650			**957**
CK1030	Spark Gap	Overvolt. Protect.				None	1 5/16	5/8	Breakdown Voltage = 1500 to 2000 volts; Min. External Imped. = 5000 ohms.											**CK1030**
CK1031	Spark Gap	Overvolt. Protect.				None	1 5/16	5/8	Breakdown Voltage = 3000 to 3500 volts; Min. External Imped. = 10,000 ohms.											**CK1031**
CK1033	Spark Gap	Overvolt. Protect.				None	1 5/16	5/8	Breakdown Voltage = 4200 to 4600 volts; Min. External Imped. = 10,000 ohms.											**CK1033**
CK5608	Dble. Triode	Control Equip.	2.5	2	Htr	7J	4 11/16	1 13/16	300	−6			6		32		2450			**CK5608**
CK5608A	Dble. Triode	Control Equip.	2.5	2	Htr	8EG	4 11/16	1 13/16	Same characteristics as CK5608. Heaters are connected in series internally											**CK5608A**
CK5656	Dble. Tetrode	R-F Power Amp.	6.3	0.4	Htr	9K	2 3/16	7/8	150	−2	120		15	2.7		0.06	5800	(Each Unit)		**CK5656**
CK5687	Dble. Triode	Voltage Amp.	6.3 12.6	0.90 0.45	Htr	9C	2 3/16	7/8	250 120	−12.5 −2			12.5 36		16.5 18.5		5500 11000	(Each Unit)		**CK5687**
CK5694	Dble. Triode	Power Amplifier	6.3	0.8	Htr	8CS	4 5/8	1 13/16	294	−6			7		35		3200	(Each Unit)		**CK5694**
CK5755	Dble. Triode	DC Amplifier	6.3 12.6	0.36 0.18	Htr	9A	2 3/16	7/8	110	−0.95			0.15		70		500	(Each Unit)		**CK5755**
CK5879	Pentode	Low μph Amplifier	6.3	0.15	Htr	9B	2 3/16	7/8	250	−3	100		1.8	0.4	21 (Triode)	0.14	1000			**CK5879**
CK5881	Pentode	Power Amplifier	6.3	0.90	Htr	7S	3 15/32	1 7/16	250	−14	250		75.0	4.3		0.30	6100	6.7	2500	**CK5881**
CK5910	Pentode	Radiosonde	1.4	0.05	Fil	8YA	2 1/8	3/4	90	0	90		1.6	0.45		1.5	900			**CK5910**
RK6080	Dble. Triode		6.3	2.5	Htr	8BD	4 1/16	1 23/32	135				125		2	0.28	7000			**RK6080**
CK6485	Pentode	R-F Amplifier	6.3	0.45	Htr	9X	2 1/8	3/4	300	Rk160	150	0	10.0	2.5			9000			**CK6485**
9001	Pentode	UHF Amplifier	6.3	0.15	Htr	7BD	1 3/4	3/4	250	−3	100		2	0.7		> 1	1400			**9001**
9002	Triode	UHF Oscillator	6.3	0.15	Htr	7BS	1 13/16	3/4	250	−7			6.3		25		2200			**9002**
9003	Pentode	UHF Amplifier	6.3	0.15	Htr	7BD	1 3/4	3/4	250	−3	100		6.7	2.7		0.7	1800			**9003**
9005	Diode	Detector	3.6	0.165	Htr	8DA	1 3/8	7/8	Max. Plate Voltage (RMS) = 117v; Max. Io = 1.0 ma.											**9005**
9006	Dble. Diode	Detector	6.3	0.15	Htr	7BV	1 3/4	3/4	Max. Peak Inverse = 750 v; Max. Io = 5 ma.											**9006**

See pages [illegible]-22 for basing diagrams and terminal connections.
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PENCIL TUBES

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HEATER		BASING	MAXIMUM DIMENSIONS (Inches)		CLASS A CHARACTERISTICS								RF RATINGS					TYPE
								MAXIMUM RATINGS								MAXIMUM RATINGS-OSC					
			Volts	Amps.		Hgt.	Diam.	Plate Volts	Plate Cur. (μa)	Plate Diss. watts	Plate Volts	Plate Curr. (ma.)	Cathode Resistor (ohms)	Mutual Cond. μmhos	Ampl. Factor	Plate Volts	Plate Current (ma.)	Plate Diss. (watts)	Freq. (mc.)	Oscillator Power output	
CK5675	Triode	RF Oscillator Amplifier	6.3	0.135	8HC	2.04	0.82	165	31	5.0*	135	24	68	6400	20	165	31	5.0*	up to 3000	475 mw at 1700 mc	**CK5675**
CK5794	Triode	Fixed Tuned Radiosonde Oscillator	5.2	0.146	8HD	2.85	0.98									117	35	4.0	1680	300 mw minimum	**CK5794**
CK5876	Triode	RF Oscill.-Ampl. Freq. Mult.	6.3	0.135	8HC	2.04	0.82	300	25	6.25*	250	18	75	6500	56	360	25	6.25*	up to 3000	3 watts at 500 mc	**CK5876**
CK5893	Triode	Plate Pulsed CW Oscill.-Ampl.	6.0	0.330	8HC	2.06	0.82	330	35	7.0*	200	25	100	6000	27	PLATE PULSED OSCILLATOR					**CK5893**
																1750 Peak	3.0 amps Peak	6.0*	3300	1200 watts Peak	

*** If plate dissipation exceeds 2.5 watts, special precautions must be taken to cool anode externally.**

STORAGE TUBES

TYPE	CONSTRUC-TION	DEFLEC-TION	TYPICAL APPLI-CATION	FILAMENT			MAX. VOLTAGES					STORAGE SCREEN	MAX. CURRENT (Ma.)	RESO-LUTION	CAP. OUTPUT (μμf)	BASE	TYPE
				Volts	Amps.	Type	Anode 2	Anode 1	Grid 1	Decel-erator	Collector						
QK411A	Cathode Ray	Electro-static	Storage Tube	6.3	0.6	Oxide Cathode	6000	2800	+0 −200	500	500	500	0.3	400 lines	20	14 Pin Shell	**QK411A**
RK6835	Cathode Ray	Mag-netic	Storage Tube	6.3	0.6	Oxide Cathode		6000	+0 −200	500	500	500	0.5	400 lines	20	12 Pin Small Shell	**RK6835**

BACKWARD WAVE OSCILLATORS

TYPE	CONSTRUCTION	TYPICAL APPLICATION	FILAMENT			MAX. VOLTAGES			MAX. CURRENT (Ma.)			POWER OUTPUT	FREQ. RANGE	TYPE
			Volts	Amps.	Type	Grid	Anode	Collector	Grid	Anode	Collector	(Watts)	Mc/s	
QK518	Backward Wave Oscillator	Signal Generator	6.3	1.7	Cathode	0	250	1500	2.0	20	45	0.5	2000–4000	**QK518**
QK522	Backward Wave Oscillator	Signal Generator	6.3	2.2	Cathode	0	300	1800	2.0	10	35	0.2	3600–7200	**QK522**
QK529	Backward Wave Oscillator	Signal Generator	7.0	1.9	Cathode	0	300	1700	2.0	10	25	0.05	6000–11000	**QK529**

See pages 20-21-22 for basing diagrams and terminal connections.
This data is compiled as a Raytheon service to the Field, it is not intended to indicate type availability.

RECTIFIER TUBES

TYPE	CONSTRUCTION	HEATER or FILAMENT			BASING	MAX. DIMENSIONS Inches		MAX. PEAK INVERSE VOLTAGE	MAX. PEAK PLATE CURRENT PER PLATE	MAX. DC OUTPUT CURRENT	AVERAGE TUBE DROP Volts	BASE	TYPE
		Volts	Amps.	Type		Height	Diam.						
BH	Full Wave—Gas			Cold	8EC	4 3/8	1 13/16	1,000	400 ma.	125 ma.	90	4-pin	**BH**
0Z4A/ CK1003	Full Wave—Gas			Cold	8XA	2 5/8	1 5/16	880	330 ma.	110 ma.	24	Octal	**0Z4A/ CK1003**
2X2A	Half Wave—High Vacuum	2.5	1.75	Htr	8ED	4 17/32	1 9/16	12,500	45 ma.	7.5 ma.		4-pin	**2X2A**
RK3B24W	Half Wave—High Vacuum	2.5	3.0	Fil	8EA	4 13/16	1 1/2	20,000	150 ma.	30 ma.		4-pin	**RK3B24W**
		5.0	3.0					20,000	300 ma.	60 ma.			
RK3B26	Clipper Diode—High Vacuum	2.5	4.75	Htr	8X	4 3/8	1 5/16	15,000	8 amp.	20 ma.	130	Octal	**RK3B26**
RK3B29	Half Wave—High Vacuum	2.5	4.75	Htr	See Data	5 1/4	1 9/16	16,000	250 ma.	65 ma.	130	4-pin	**RK3B29**
RK4B31	Clipper Diode—High Vacuum	5.0	5.25	Htr	See Data	7	2 9/16	16,000	16 amp.	60 ma	150	Jumbo 4-pin	**RK4B31**
5R4GY	Full Wave—High Vacuum	5.0	2.0	Fil	8WB	5 5/16	2 1/16	2,800	650 ma	175 ma.		Octal	**5R4GY**
5R4WGY	Full Wave—High Vacuum	5.0	2.0	Fil	8WB	5 5/16	2 1/16	2,800	650 ma.	175 ma.		Octal	**5R4WGY**
6X4W	Full Wave—High Vacuum	6.3	0.6	Htr	9Q	2 5/8	3/4	1,250	210 ma.	70 ma.	22	7-pin min.	**6X4W**
6X5WGT	Full Wave—High Vacuum	6.3	0.6	Htr	8XB	3 5/16	1 9/32	1,250	210 ma.	70 ma.	22	Octal	**6X5WGT**
RX120	Half Wave—Mercury, Argon	2.5	30.0	Htr	See Data	8 15/16	3 13/16	150	120 amp.	20 amp.	5	Mogul	**RX120**
RX120A	Half Wave—Mercury	2.5	30.0	Htr	See Data	8 15/16	3 13/16	300	120 amp.	20 amp.	6	Mogul	**RX120A**
								750	120 amp.	10 amp.	6		
RX212	Half Wave—Mercury	2.5	30.0	Htr	See Data	12	3 7/8	1,000	120 amp.	20 amp.	10	Mogul	**RX212**
RX215	Full Wave—Mercury	2.5	30.0	Htr	See Data	8	3 7/8	500	90 amp.	15 amp.	10	S. Jumbo 4-pin	**RX215**
RK816	Half Wave—Mercury	2.5	2.0	Fil	8EB	4 11/16	1 9/16	7,500	500 ma.	125 ma.		4-pin	**RK816**
RK866A	Half Wave—Mercury	2.5	5.0	Fil	8EB	6 9/16	2 7/16	10,000	1 amp.	250 ma.	15	4-pin	**RK866A**
RK872A	Half Wave—Mercury	5.0	7.5	Fil	See Data	8 1/2	2 3/16	10,000	5 amp.	1.25 amp.	10	Jumbo 4-pin	**RK872A**
CK1005	Full Wave—Gas	6.3	0.1	*	8Y	2 5/8	1 5/16	450	210 ma.	70 ma.	20	Octal	**CK1005**
CK1006	Full Wave—Gas	1.75	2.0	*	8EF	4 11/16	1 13/16	1,600	600 ma.	200 ma.	15	4-pin	**CK1006**
CK1007	Full Wave—Gas	1.0	1.2	*	8WA	2 5/8	1 5/16	980	330 ma.	110 ma.	24	Octal	**CK1007**
CK1012	Full Wave—Gas	1.75	2.0	*	8EF	4 11/16	1 13/16	1,200	900 ma.	300 ma.	20	4-pin Med.	**CK1012**
CK1024	Full Wave—Gas			Cold	8XA	2 5/8	1 5/16	1,000	480 ma.	175 ma.	24	Octal	**CK1024**
CK1028A	Half Wave—Gas	6.3	0.55	Fil	8VA	2 1/4	3/4	2,500	300 ma.	100 ma.	15	7-pin Min.	**CK1028A**
1641/RK60	Full Wave—High Vacuum	5.0	3.0	Fil	8E	5 3/4	2 1/16	4,500	150 ma.	50 ma.	60	4-pin	**1641/RK60**
								2,500	330 ma.	250 ma.			
CK5517	Half Wave—Gas			Cold	7CB	2 1/4	3/4	2,800	100 ma.	12 ma.	100	7-pin Min.	**CK5517**
CK5785	Half Wave—High Vacuum	1.25	0.015	Fil	7F	1 1/2	W = 0.4 Th = 0.3	3,500	450 μa	100 μa	17	Flex. Leads	**CK5785**
CK5995	Half Wave—High Vacuum	6.3	0.3	Htr	7BA	1 3/4	0.400	850	275 ma.	45 ma.	25	Flex. Leads	**CK5995**
CK6174	Half Wave—Gas			Cold	7CB	2 1/4	3/4	2,800	30 ma.	3 ma.	100	7-pin Min.	**CK6174**
CK6436	Half Wave—Gas			Cold	5P	1 13/16	0.400	1,500	10 ma.	100 μa	100	Flex. Leads	**CK6436**
CK6659	Half Wave—Gas			Cold	5N	2 1/8	0.400	2,800	40 ma.	8 ma.	100	Flex. Leads	**CK6659**
CK6763	Half Wave—Gas			Cold	7M	2 1/4	3/4	2,800	100 ma.	12 ma.	100	7-pin Min.	**CK6763**

***May be used as ionic heated cathode rectifier under some conditions.**
See pages 20-21-22 for basing diagrams and terminal connections.
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TRANSMITTING TUBES

TYPE	CONSTRUCTION	TYPICAL APPLICATION	FILAMENT			MAXIMUM VOLTAGES				MAX. CURRENT MA.			POWER—WATTS			CAPACITANCES			BASE	TYPE
			Volts	Amps	Type	Plate	Grid 1	Grid 2	Grid 3	Plate	Grid 1	Grid 2	Dissi-pation	Drive	Output	G-P	Input	Output		
2C34/ RK34	Dual Triode	H-F Oscillator-Amp.	6.3	0.8	Heater	300	−36			80*	20*		10*	1.8*	16*	2.4	3.4	0.5	7-Pin	**2C34/ RK34**
2E24	Beam Pentode	VHF Oscil.-Amp.	6.0	0.65	Oxide	600	−175	200		85	3.5	12.5	13.5	2.0	16.5	0.11	8.5	6.5	Octal	**2E24**
2E26	Beam Pentode	VHF Oscil.-Amp.	6.0	0.8	Cathode	600	−175	200		75	3.5	12.5	13.5	0.17	27	0.20	13	7	Octal	**2E26**
2E30	Beam Pentode	RF-AF Amplifier	6.0	0.65	Fil.	250	−150	250	0	60	3		10	0.2	7.5	0.18	9.6	14	7-Pin Min.	**2E30**
RK4D22	Beam Tetrode	R-F Oscillator-Amp.	25.2 12.6	0.8 1.6	Cathode	750	−200	350		300	15	35	50	1.5	135	0.27	28.0	13.0	Spec. 7-Pin	**RK4D22**
RK4D32	Beam Tetrode	R-F Oscillator-Amp.	6.3	3.75	Cathode	750	−200	350		300	15	35	50	1.5	135	0.27	28.0	13.0	Spec. 7-Pin	**RK4D32**
RK25	R-F Pentode	Suppressor Mod.	6.3	0.9	Heater	500	−90	200	+45	55	8	38	10	0.5	22	0.2	10.0	10.0	7-Pin	**RK25**
RK38	Triode	R-F, A-F Amp.	5.0	8.0	Thoriated	3000	−200			165	40		100	10.0	225	4.3	4.6	0.9	Med. 5-Pin	**RK38**
RK59	Dual Triode	Quick Heat'g	6.3	1.0	Oxide	500	−60			90*	14*		15*	1.3*	32*	9.0	5.0	1.0	4-Pin	**RK59**
RK75	Pentode	R-F Oscil.-Amp.	5.5	1.0	Oxide	500	−100	250		60	7	25	15		15	0.55	15	12	Med. 5-Pin	**RK75**
RK715C	Tetrode	Pulse Modulator	27.0	2.15	Cathode	18000	−1000	1350		15 amp.			60			1.1	38	7	Spec. 4-Pin	**RK715C**
RK807	Beam Tetrode	R-F Oscil.-Amp.	6.3	0.9	Heater	600	−200	300		100	5	12	30	0.2	50	0.2	11.0	7.0	Med. 5-Pin	**RK807**
RK811A	Triode	RF-AF Amplifier	6.3	4	Fil.	1500	−200			175	50		65	7.1	200	5.6	5.9	0.7	4-Pin	**RK811A**
RK812A	Triode	RF-AF Amplifier	6.3	4	Fil.	1500	−200			175	35		65	6.5	190	5.5	5.4	0.77	4-Pin	**RK812A**
RK813	Beam Tetrode	R-F Oscil.-Amp.	10.0	5	Thoriated	2250	−300	400		225	30	55	125	4.0	375	0.25	16.3	14	Giant 7-Pin	**RK813**
RK814	Beam Tetrode	R-F Oscil.-Amp.	10.0	3.25	Thoriated	1250	−300	300		150	15	34	65	1.5	130	0.12	13.0	10.0	Med. 5-Pin	**RK814**
RK829B	Dual Beam Tet.	R-F Oscil.-Amp.	12.6	1.125	Cathode	750	−175	225		240*	15*	30*	40*	0.8*	87*	0.12	14.5	7.0	Med. 7-Pin	**RK829B**
RK832A	Dual Beam Tet.	R-F Oscil.-Amp.	6.3	0.8	Cathode	750	−100	250		90	6	20	15	0.19	26	0.05	7.5	3.8	Spec. 7-Pin	**RK832A**
RK837	R-F Pentode	R-F Oscil.-Amp.	12.6	0.7	Heater	500	−200	200	+40	80	8	40	12	0.4	22	0.2	16.0	10.0	Med. 7-Pin	**RK837**
1614	Beam Pentode	RF-AF Amplifier	6.3	0.9	Heater	375	−125	300		110	5	10	21	0.1	21	0.4	10	12	Octal 7-Pin	**1614**
RK1625	Beam Tetrode	R-F Oscil.-Amp.	12.6	0.45	Cathode	600	−200	300		100	5	12	30	0.2	40	0.2	11	7	Med. 7-Pin	**RK1625**
CK5763	Beam Pentode	R-F Oscil.-Amp.	6.0	0.75	Heater	300	−125	250	0	50	5	15	12	0.35	8	0.3	9.5	4.5	9-Pin Min.	**CK5763**
RK6146	Beam Pentode	RF-AF Amp.	6.3	1.25	Heater	750	−150	250		150	4		25	0.3	69	0.22	13.5	9	Octal	**RK6146**

*Indicates value for both sections combined.

See pages 20-21-22 for basing diagrams and terminal connections.

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CAVITY MAGNETRONS

RAYTHEON

TYPE	HEATER		CLASS	BAND or RANGE Mc.	MAXIMUM RATINGS			Avg. Input Watts	TYPICAL OPERATION				P.R.R.	Min P.O. Pk Kw	TYPE
	Volts	Amps			Anode Kv	Anode Amps	Duty Cycle		Anode Kv	Anode Amps	Field Gauss	Pulse μsec			
RK2J23	6.3	1.5	Fixed Frequency—Pulsed	3071–3100	22.0	30.0	.002	600	20.0	30.0	2400	1.0	1000	275	**RK2J23**
RK2J24	6.3	1.5	Fixed Frequency—Pulsed	3027–3071	22.0	30.0	.002	600	20.0	30.0	2400	1.0	1000	275	**RK2J24**
RK2J25	6.3	1.5	Fixed Frequency—Pulsed	3019–3047	22.0	30.0	.002	600	20.0	30.0	2400	1.0	1000	275	**RK2J25**
RK2J26	6.3	1.5	Fixed Frequency—Pulsed	2992–3019	22.0	30.0	.002	600	20.0	30.0	2400	1.0	1000	275	**RK2J26**
RK2J27	6.3	1.5	Fixed Frequency—Pulsed	2965–2992	22.0	30.0	.002	600	20.0	30.0	2400	1.0	1000	275	**RK2J27**
RK2J28	6.3	1.5	Fixed Frequency—Pulsed	2939–2965	22.0	30.0	.002	600	20.0	30.0	2400	1.0	1000	275	**RK2J28**
RK2J29	6.3	1.5	Fixed Frequency—Pulsed	2914–2939	22.0	30.0	.002	600	20.0	30.0	2400	1.0	1000	275	**RK2J29**
RK2J30	6.3	1.5	Fixed Frequency—Pulsed	2860–2900	22.0	30.0	.002	600	20.0	30.0	1900	1.0	1000	285	**RK2J30**
RK2J31	6.3	1.5	Fixed Frequency—Pulsed	2820–2860	22.0	30.0	.002	600	20.0	30.0	1900	1.0	1000	285	**RK2J31**
RK2J32	6.3	1.5	Fixed Frequency—Pulsed	2780–2820	22.0	30.0	.002	600	20.0	30.0	1900	1.0	1000	285	**RK2J32**
RK2J33	6.3	1.5	Fixed Frequency—Pulsed	2740–2780	22.0	30.0	.002	600	20.0	30.0	1900	1.0	1000	285	**RK2J33**
RK2J34	6.3	1.5	Fixed Frequency—Pulsed	2700–2740	22.0	30.0	.002	600	20.0	30.0	1900	1.0	1000	285	**RK2J34**
RK2J36	6.3	1.5	Fixed Frequency—Pulsed	9003–9168	13.5	12.0	.002	200	11.5	10.0	2500	1.0	1000	14.0	**RK2J36**
RK2J42	6.3	0.5	Fixed Frequency—Pulsed	9345–9405	6	5.5	.0025	82.5	5.5	4.5	Pkg.	1	2000	7	**RK2J42**
RK2J48	6.3	1.0	Fixed Frequency—Pulsed	9310–9320	16.0	16.0	.002	230	10.5	10.0	4850	1.0	1000	25.0	**RK2J48**
RK2J49	6.3	1.0	Fixed Frequency—Pulsed	9000–9160	16.0	16.0	.0012	180	12.0	12.0	5400	1.0	1000	40.0	**RK2J49**
RK2J50	6.3	1.0	Fixed Frequency—Pulsed	8750–8900	16.0	16.0	.0012	180	12.0	12.0	5400	1.0	1000	40.0	**RK2J50**
RK2J51A	6.3	1.0	Tunable—Pulsed	8500–9600	16	16	.0012	230	14.0	14	Pkg.	1	1000	45	**RK2J51A**
RK2J55	6.3	1.0	Fixed Frequency—Pulsed	9345–9405	16.0	16.0	.001	180	12.8	12.0	Pkg.	1.0	1000	50.0	**RK2J55**
RK2J56	6.3	1.0	Fixed Frequency—Pulsed	9215–9275	16.0	16.0	.001	180	12.8	12.0	Pkg.	1.0	1000	40.0	**RK2J56**
RK2J66	6.3	1.5	Tunable—Pulsed	2845–2905	20.0	25.0	.001	400	18.0	25.0	1700	1.0	1000	150	**RK2J66**
RK2J67	6.3	1.5	Tunable—Pulsed	2795–2855	20.0	25.0	.001	400	18.0	25.0	1700	1.0	1000	150	**RK2J67**
RK2J68	6.3	1.5	Tunable—Pulsed	2745–2805	20.0	25.0	.001	400	18.0	25.0	1700	1.0	1000	150	**RK2J68**
RK2J69	6.3	1.5	Tunable—Pulsed	2695–2755	20.0	25.0	.001	400	18.0	25.0	1700	1.0	1000	150	**RK2J69**
RK2J70	6.3	1.25	Fixed Frequency—Pulsed	3030–3110	7.5	15.0	.002	200	7.0	8.0	Pkg.	0.5	1000	20	**RK2J70**
RK2J71	6.3	1.25	Fixed Frequency—Pulsed	3190–3201	5.5	8.0	.002	100	5.0	5.0	Pkg.	1.0	2000	6	**RK2J71**
RK4J31	16.0	3.1	Fixed Frequency—Pulsed	2860–2900	30.0	70.0	.001	1200	28.0	70.0	2700	1.0	400	900	**RK4J31**
RK4J32	16.0	3.1	Fixed Frequency—Pulsed	2820–2860	30.0	70.0	.001	1200	28.0	70.0	2700	1.0	400	900	**RK4J32**
RK4J33	16.0	3.1	Fixed Frequency—Pulsed	2780–2820	30.0	70.0	.001	1200	28.0	70.0	2700	1.0	400	900	**RK4J33**
RK4J34	16.0	3.1	Fixed Frequency—Pulsed	2740–2780	30.0	70.0	.001	1200	28.0	70.0	2700	1.0	400	900	**RK4J34**
RK4J35	16.0	3.1	Fixed Frequency—Pulsed	2700–2740	30.0	70.0	.001	1200	28.0	70.0	2700	1.0	400	900	**RK4J35**
RK4J36	16.0	3.1	Fixed Frequency—Pulsed	3650–3700	30.0	70.0	.001	1200	28.0	70.0	2500	1.0	400	750	**RK4J36**
RK4J37	16.0	3.1	Fixed Frequency—Pulsed	3600–3650	30.0	70.0	.001	1200	28.0	70.0	2500	1.0	400	750	**RK4J37**
RK4J38	16.0	3.1	Fixed Frequency—Pulsed	3550–3600	30.0	70.0	.001	1200	28.0	70.0	2500	1.0	400	750	**RK4J38**
RK4J39	16.0	3.1	Fixed Frequency—Pulsed	3500–3550	30.0	70.0	.001	1200	28.0	70.0	2500	1.0	400	750	**RK4J39**
RK4J40	16.0	3.1	Fixed Frequency—Pulsed	3450–3500	30.0	70.0	.001	1200	28.0	70.0	2500	1.0	400	750	**RK4J40**
RK4J41	16.0	3.1	Fixed Frequency—Pulsed	3400–3450	30.0	70.0	.001	1200	28.0	70.0	2500	1.0	400	750	**RK4J41**
RK4J43	16.0	3.1	Fixed Frequency—Pulsed	2992–3019	30.0	70.0	.001	1200	28.0	70.0	2700	1.0	400	900	**RK4J43**
RK4J44	16.0	3.1	Fixed Frequency—Pulsed	2965–2992	30.0	70.0	.001	1200	28.0	70.0	2700	1.0	400	900	**RK4J44**

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CAVITY MAGNETRONS

TYPE	HEATER		CLASS	BAND or RANGE Mc.	MAXIMUM RATINGS			Avg. Input Watts	TYPICAL OPERATION			P.R.R.	Min P.O. Ph Kw	TYPE
	Volts	Amps			Anode Kv	Anode Amps	Duty Cycle		Anode Kv	Anode Amps	Field Gauss	Pulse sec			
RK4J53	16.0	3.1	Fixed Frequency—Pulsed	2793–2813	30.0	70.0	.001	1200	21.5	56.0	2150	1.0	500	500	**RK4J53**
RK4J56	12.6	3.75	Fixed Frequency—Pulsed	6675–6575	25.0	35.0	.001	650	17.5	30.0	Pkg.	1.0	1000	180	**RK4J56**
RK4J57	12.6	3.75	Fixed Frequency—Pulsed	6575–6475	25.0	35.0	.001	650	17.5	30.0	Pkg.	1.0	1000	180	**RK4J57**
RK4J58	12.6	3.75	Fixed Frequency—Pulsed	6475–6375	25.0	35.0	.001	650	17.5	30.0	Pkg.	1.0	1000	180	**RK4J58**
RK4J59	12.6	3.75	Fixed Frequency—Pulsed	6375–6275	25.0	35.0	.001	650	17.5	30.0	Pkg.	1.0	1000	180	**RK4J59**
RK4J61	6.3	3.5	Tunable—CW	2450–2720	1.5	0.15	CW	200	1.20	0.125	Pkg.	CW	CW	0.05	**RK4J61**
RK4J62	6.3	3.5	Tunable—CW	2695–3015	1.5	0.15	CW	200	1.20	0.125	Pkg.	CW	CW	0.05	**RK4J62**
RK4J63	6.3	3.5	Tunable—CW	2985–3335	1.5	0.15	CW	200	1.20	0.125	Pkg.	CW	CW	0.05	**RK4J63**
RK4J64	6.3	3.5	Tunable—CW	3305–3675	1.5	0.15	CW	200	1.20	0.125	Pkg.	CW	CW	0.05	**RK4J64**
RK5J26	23.5	2.2	Tunable—Pulsed	1220–1350	31.0	60.0	.002	1800	27.5	46	1400	4	225	400	**RK5J26**
QK172	6.0	30.0	Fixed Frequency—Pulsed	9330–9420	36.0	50.0	.001	1500	34.0	40.0	Pkg.	1.8	600	500.0	**QK172**
QK264	3.0	85.0	Tunable—Pulsed	1250–1350	75.0	100.0	.0012	5500	60.0	90.0	Pkg.	4.0	300	2000.0	**QK264**
QK313	11.0	11.0	Tunable—Pulsed	5450–5825	27.0	30.0	.001	650	25.5	24.0	Pkg.	1.0	1000	250.0	**QK313**
QK324	4.8	12	Fixed Frequency—Pulsed	15,850–16,160	30	14	.0028	780	24	12	Pkg.	0.5	5000	70	**QK324**
QK362	5.0	.60	Tunable—Pulsed	9300–9500	2.0	1.0	.002	2.5	1.35	.75	Pkg.	1.0	2000	.05	**QK362**
QK366	6.3	2.9	Fixed Frequency—Pulsed	9205–9285	15.5	14.5	.001	225	15.0	13.5	Pkg.	0.5	2000	75.0	**QK366**
QK367	6.3	1.0	Fixed Frequency—Pulsed	9015–9075	16.0	16.0	.001	180	12.8	12.0	Pkg.	1.0	1000	50.0	**QK367**
QK389	6.3	2.5	Fixed Frequency—Pulsed	23,750–24,250	16.0	20.0	.0007	285	14.5	18.0	Pkg.	0.15	4000	50.0	**QK389**
QK390	8.0	35.0	Fixed Frequency—CW	2420–2490	6.2	.375	CW	2000	5.7	.30	Pkg.	CW	CW	.80	**QK390**
QK456	6.3	1.50	Fixed Frequency—Pulsed	5360–5400	16.0	20.0	.001	320.0	14.0	14.0	Pkg.	2.0	500	75.0	**QK456**
QK457	5.0	.63	Tunable—Pulsed	5500–5800	2.0	1.0	.002	5.0	1.5	.90	Pkg.	1.0	1000	.20	**QK457**
QK470	3.0	85.0	Tunable—Pulsed	1250–1350	75.0	100.0	.0012	5500	60.0	90.0	Pkg.	3.0	333	2000.0	**QK470**
QK472	6.3	0.5	Fixed Frequency—Pulsed	9345–9405	6.3	5.5	.002	70	5.7	4.5	Pkg.	.40	800	6.0	**QK472**
RK725A	6.3	1.0	Fixed Frequency—Pulsed	9345–9405	16.0	16.0	.0012	230	12.0	12.0	5400	1.0	1000	40.0	**RK725A**
RK730A	6.3	1.0	Fixed Frequency—Pulsed	9345–9405	16	16	.0012	230	12.0	12	5400	1	1000	40	**RK730A**
RK5586	16.0	3.1	Tunable—Pulsed	2700–2900	32	70.0	.001	1200	28.0	55.0	2700	1	500	700	**RK5586**
RK5609	6.3	3.8	Fixed Frequency—CW	2425–2475	1.7	0.15	CW	200	1.5	0.125	Pkg.	CW	CW	0.085	**RK5609**
RK5657	16	3.1	Tunable—Pulsed	2900–3100	32.5	70	.001	1300	30.0	55.0	2700	1	500	700	**RK5657**
RK5982	6.3	3.2	Fixed Frequency—Pulsed	9320–9430	15.5	14.5	.001	225	15.5	13.4	Pkg.	1.0	1000	75.0	**RK5982**
RK6002	4.0	40.0	Fixed Frequency—Pulsed	9230–9404	30.0	40.0	.002	870	27.5	30.0	Pkg.	5.0	200	225	**RK6002**
RK6177	6.3	0.6	CW Electro-mech.Freq.Mod.	4268–4350	.33	.035	CW	9.0	.30	.03	Pkg.	CW	CW	.001	**RK6177**
RK6229	5.0	0.45	Tunable—Pulsed	8900–9400	4.60	0.60	.003	7.75	4.05	0.5	Pkg.	0.25	8000	0.40	**RK6229**
RK6230	5.0	0.45	Tunable—Pulsed	8900–9400	4.60	0.90	.003	11.25	4.25	0.83	Pkg.	1.0	3000	1.0	**RK6230**
RK6249	9.0	14.4	Tunable—Pulsed	8500–9600	32.0	32.0	.0013	1000	28.0	25.0	Pkg.	2.4	400	200.0	**RK6249**
RK6344	11.0	11.0	Tunable—Pulsed	5450–5825	24.0	30.0	.001	720	21.5	22.0	Pkg.	1.0	1000	175.0	**RK6344**
RK6402	8.3	43.0	Tunable—Pulsed	3430–3570	57.0	55.0	.0016	3700	47.0	50.0	Pkg.	2.0	700	700.0	**RK6402**
RK6403	8.3	43.0	Tunable—Pulsed	3430–3570	65.0	90.0	.0014	6500	59.0	80.0	Pkg.	2.0	450	2000.0	**RK6403**
RK6406	8.3	85.0	Fixed Frequency—Pulsed	2850–2910	56.0	95.0	.0006	3200	52.0	85.0	Pkg.	2.0	300	1750	**RK6406**
RK6410	8.3	82.0	Fixed Frequency—Pulsed	2750–2860	76.0	135.0	.001	7000	71.0	130.0	Pkg.	2.0	360	4500	**RK6410**
RK6517	2.5	85.0	Tunable—Pulsed	1250–1350	70.0	60.0	.0013	4300	53.0	50.0	Pkg.	3.0	417	1000.0	**RK6517**
RK6518	13.0	40.0	Fixed Frequency—Pulsed	2700–3010	45.0	92.0	.0007	3000	41.0	87.5	Pkg.	2.0	300	1500.0	**RK6518**
RK6551	5.0	2.9	Fixed Frequency—Pulsed	23,800–24,270	16.0	18.0	.0007	189	14.0	15.0	Pkg.	.15	4000	40.0	**RK6551**
RK6695	16.0	3.1	Tunable—Pulsed	3430–3570	33.0	65.0	.001	2000	31.0	60.0	2600	1.0	1000	650.0	**RK6695**
RK6841	4.0	10.5	Fixed Frequency—Pulsed	16410–16625	18.0	16.0	.001	290	16.5	14.0	Pkg.	3.0	300	45.0	**RK6841**
RK6843	9.5	11.0	Tunable—Pulsed	5450–5825	26.0	30.0	.0012	750	24.5	24.0	Pkg.	1.0	1000	250.0	**RK6843**

See pages 20-21-22 for basing diagrams and terminal connections.
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REFLEX KLYSTRONS

TYPE	MAXIMUM FREQUENCY RANGE megacycles	FREQUENCY megacycles	POWER OUTPUT milliwatts		TYPICAL OPERATION			ELECTRONIC TUNING E.Ref./p.o./2 megacycles	MAX. TEMP. COEF. Mc/°C	FILAMENT CURRENT at 6.3V amperes	TYPE OF CAVITY	TYPE OF TUNING	TYPE OF OUTPUT COUPLING	TYPE
			Avg.	Min.	REFLECTOR POTENTIAL D.C.Volts	RESO-NATOR POTENTIAL D.C.Volts	FOCUS OR CONTROL GRID POTENTIAL D.C.Volts							
2K22	4240–4910	4775	115	75	−120 to −180	300		30 min.	−0.1 to +0.5	0.440	Self Cont.	Mech.Cap	Coax.Cable	**2K22**
2K25	8500–9660	9370	32	20	−128 to −123	300		55 avg.	0 to −0.2	0.440	Self Cont.	Mech.Cap	Waveguide RG 52/U	**2K25**
2K26	6250–7060	6660	100	80	−70 to −115	300		32 min.	0 to −0.2	0.440	Self Cont.	Mech.Cap	Waveguide RG. 50/U	**2K26**
2K28A	1500–3750	3458–3592	140	95	−182 to −277	300	300	20 min.	±0.15	0.650	External	Mech.Ind.	Coax.Cable	**2K28A**
2K29	3400–3960	3560	106	85	−75 to −180	300		28 min.	−0.1 to +0.5	0.440	Self Cont.	Mech.Cap	Coax.Cable	**2K29**
2K33	22,000–25,000	22,000–25,000	40	10	−80 to −220	1800	−20 to −100	40 avg.	0 to −1.0	0.580	Self Cont.	Mech.Cap	Waveguide RK-53/U	**2K33**
2K45	8500–9660	9660	32	20	−95 to −145	300	−25 to +15	70 avg.		0.762	Self Cont.	Therm.Cap	Waveguide RG-52/U	**2K45**
2K48	4000–11,000	6900–10,850		20	−175 to −300	1250				0.575	External	Mech.Ind.	Coax.Cable	**2K48**
2K56	3840–4460	4150	100	80	−85 to −150	300		30 min.	−0.1 to +0.5	0.440	Self Cont.	Mech.Cap	Coax.Cable	**2K56**
6BL6	1600–5500	2110–4355	50	25	−30 to −330	300	0			0.675	External	Mech.Ind.	Coax.Cable	**6BL6**
QK246	15,000–16,200	15,800–16,200	51	20	−152 to −173	1500	−20 to −120	25 min.		0.580	Self Cont.	Mech.Cap	Waveguide RG-91/U	**QK246**
QK288	34,300–35,300	34,300–35,300	20	10	−110 to −210	2250	−50 to −180	50 min.	−1.5 to −3.5	0.580	Self Cont.	Mech.Cap	Waveguide RG-96/U	**QK288**
QK289		27,270–30,000	20	10	−50 to −200	2250	−20 to −250	45 avg.	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-96/U	**QK289**
QK290		29,700–33,520	20	10	−50 to −200	2250	−20 to −250	45 avg.	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-96/U	**QK290**
QK291		33,520–36,250	18	5	−50 to −200	2250	−20 to −250	45 avg.	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-96/U	**QK291**
QK292		35,100–39,700	10	5	−50 to −200	2250	−20 to −200	45 avg.	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-96/U	**QK292**
QK293	34,900–42,800	37,100–42,600	5		−50 to −200	2500	−20 to −200	(specified)	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-97/U	**QK293**
QK294	40,000–51,800	41,700–50,000	5		−50 to −200	3000	−20 to −200	(specified)	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-97/U	**QK294**
QK295	Two tubes necessary to cover 50,000–60,000 mc.		To be specified		−50 to −200	3500	−20 to −200	(specified)	(specified)	0.580	Self Cont.	Mech.Cap	Waveguide RG-98/U	**QK295**
QK306	18,000–22,000	18,000–22,000	40	10	−80 to −220	1800	−20 to −200	40 avg.	0 to −1.0	0.580	Self Cont.	Mech.Cap	Waveguide RG-53/U	**QK306**
QK336	15,000–17,000	15,000–17,000	20	15	−60 to −200	300		40 min.		0.675	Self Cont.	Mech.Cap	Waveguide RG-91/U	**QK336**
QK381	4100–4450	4300	4.5	3.0	−67 to −87	250		30 min.	−0.1 to +0.05	0.440	Self Cont.	Mech.Cap	Coax.Cable	**QK381**
QK404	5925–6450	6200	120	100	−195 to −275	300		20 avg.	−0.1 to +0.1	0.440	Self Cont.	Mech.Cap	Waveguide RG-50/U	**QK404**
QK412	5100–5900	5500	100	70	−160 approx.	300			−0.1 to +0.1	0.440	Self Cont.	Mech.Cap	Coax. to W.G. RG-49/U	**QK412**
QK414	9660–10,250	10,000	20	15	−128 to −183	300		50 min.	−0.1 to +0.1	0.440	Self Cont.	Mech.Cap	Waveguide RG-52/U	**QK414**
QK422	7125–8125	7600	150	100	−150 to −225	300		20 min.	−0.1 to +0.1	0.440	Self Cont.	Mech.Cap	Waveguide RG-50/U	**QK422**
QK431	15,000–17,000	15,000–17,000	25	20	−60 to −210	300		75 min.	−0.2 to −0.6	0.675	Self Cont.	Mech.Cap	Waveguide RG-91/U	**QK431**

See pages 20-21-22 for basing diagrams and terminal connections.
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REFLEX KLYSTRONS

TYPE	MAXIMUM FREQUENCY RANGE megacycles	FREQUENCY megacycles	POWER OUTPUT milliwatts		TYPICAL OPERATION			ELECTRONIC TUNING $\frac{E.Ref./p.o.}{2}$ megacycles	MAX. TEMP. COEF. Mc/°C	FILAMENT CURRENT at 6.3V amperes	TYPE OF CAVITY	TYPE OF TUNING	TYPE OF OUTPUT COUPLING	TYPE
			Avg.	Min.	REFLECTOR POTENTIAL D.C.Volts	RESONATOR POTENTIAL D.C.Volts	FOCUS OR CONTROL GRID POTENTIAL D.C.Volts							
QK448	12,000–13,800	12,000–13,800	85	50	−100 to −275	300		60 min.	±0.05	0.675	Self Cont.	Mech.Cap	Waveguide RG-91/U	**QK448**
QK461	*5925–6450	6200	120	100	−75 to −175	300		30 min.	±0.1	0.440	Self Cont.	Mech.Cap	Waveguide RG-50/U	**QK461**
QK463	24,500–27,500	24,500–27,500	40	10	−50 to −250	1800	−20 to −125	40 min.	−1.0	0.580	Self Cont.	Mech.Cap	Waveguides RG-53/U RG-66/U	**QK463**
QK510	12,000–13,800	12,000–13,800	85	50	−100 to −275	300		60 min.	±0.05	0.675	Self Cont.	Mech.Cap	Waveguide RG-91/U	**QK510**
707B	1500–3750	3315–3680	140	80	−50 to −155	300	300	20 min.	±0.15	0.650	External	Mech.Ind.	Coax.Cable	**707B**
726C	2700–2960	2800	100	85	−75 to −135	300		25 min.	−0.1 to +0.05	0.440	Self Cont.	Mech.Cap	Coax.Cable	**726C**
RK5721	2000–12,000	4290–8340	125	100	−60 to −625	1000	+4 to +18	12 min.	−0.1 to +0.05	0.440	External	Mech.Ind.	Coax.Cable	**RK5721**
RK5777	600–2350	950–2350	160	100	−50 to −625	400	0 to 5	8 min.	0.15	0.985	External	Mech.Ind.	Coax.Cable	**RK5777**
RK5778	1800–4620	2140–4620	150	100	−50 to −460	300	−5 to +5	8 min	0.15	0.985	External	Mech.Ind.	Coax.Cable	**RK5778**
RK5836	1600–5500	2500–4355	75	25	−25 to −320	300	10	6 min.		0.675	External	Mech.Ind.	Coax.Cable	**RK5836**
RK5837	550–3800	1500–3000	160	15	−215 to −235	300	10	12 min.		0.675	External	Mech.Ind.	Coax.Cable	**RK5837**
RK5976	6200–7425	6750	110	85	−78 to −158	300		32 min.	0 to −0.2	0.440	Self Cont.	Mech.Cap	Waveguide RG-50/U	**RK5976**
RK5981	1245–1460	1245–1460	100	40	−30 to −220	225		2.5 min.	±0.05	0.455	Self Cont.	Mech.Cap	Coax.Cable	**RK5981**
RK6037	5120–5430	5280	30	20	−80 to −160	300	0 to −200	40 min.		0.470(Kly) 0.825(Tnr)	Self Cont.	Therm.Cap	Waveguide RG-49/U	**RK6037**
RK6043	2950–3275	3200	175	150	−100 to −175	300	300	20	±0.15	0.650	Self Cont.	Mech.Ind.	Coax.Cable	**RK6043**
RK6115	5100–5900	5500	100	70	−115 to −175	300		30 min.	−0.1 to +0.05	0.440	Self Cont.	Mech.Cap	Waveguide RG-49/U	**RK6115**
RK6116	8500–9660	8500–9660	32	20	−95 to −145	300	0 to −280	70 avg.		0.500	Self Cont.	Therm.Cap	Waveguide RG-52/U	**RK6116**
RK6133	1200–3750	3458–3592	140	95	−182 to −227	300	300	20 min.	±0.15	0.650	External	Mech.Ind.	Coax.Cable	**RK6133**
RK6178	15,750–16,250	15,750–16,250	25	20	−100 to −200	300		75 min.	−0.2 to −0.6	0.675	Self Cont.	Mech.Cap	Waveguide RG-91/U	**RK6178**
RK6236	3800–7600	4290–7500	125	90	−60 to −510	1000	4 to 18	10 min.	±0.025	0.580	External	Mech.Ind.	Coax.Cable	**RK6236**
RK6253	*18,000–22,000	18,000–22,000	40	10	−80 to −220	1800	−20 to −100	40 avg.	−1.0	0.580	Self Cont.	Mech.Cap	Waveguide RG-66/U	**RK6253**
RK6254	*22,000–25,000	22,000–25,000	40	10	−80 to −220	1800	−20 to −100	40 avg.	−1.0	0.580	Self Cont.	Mech.Cap	Waveguide RG-66/U	**RK6254**
RK6294	8500–10,000	9300	70	50	−130 to −170	300		48 min.	0 to 0.2	1.20	Self Cont.	Mech.Cap	Waveguide RG-52/U	**RK6294**
RK6295	8500–10,000	9300	70	50	−130 to −170	300		48 min.	0 to 0.2	1.20	Self Cont.	Mech.Cap	Waveguide RG-52/U	**RK6295**
RK6310	8500–10,000	9300	070	50	−130 to −170	300		48 min.	0 to −20	1.20	Self Cont.	Mech.Cap Slotted	Waveguide RG-52/U	**RK6310**
RK6312	8500–10,000	9300	70		−160	300		48		1.20	Self Cont.	Mech.Cap	UG-39/U UG-40/U	**RK6312**
RK6316	8500–10,000	9300	50		−160	300		48	0.06	1.20	Self Cont.	Mech.Cap	UG-39/U UG-40/U	**RK6316**
RK6390	6870–10,750	6870–9200	80	55	−115 to −420	1250	2 to 16	6 min.	±0.025	0.635	External	Mech.Ind.	Coax.Cable	**RK6390**
RK6573	15,500–17,000	15,500–17,000	25	20	−60 to −210	300		75 min.	−0.2 to −0.6	0.675	Self Cont.	Mech.Cap	Waveguide RG-91/U	**RK6573**

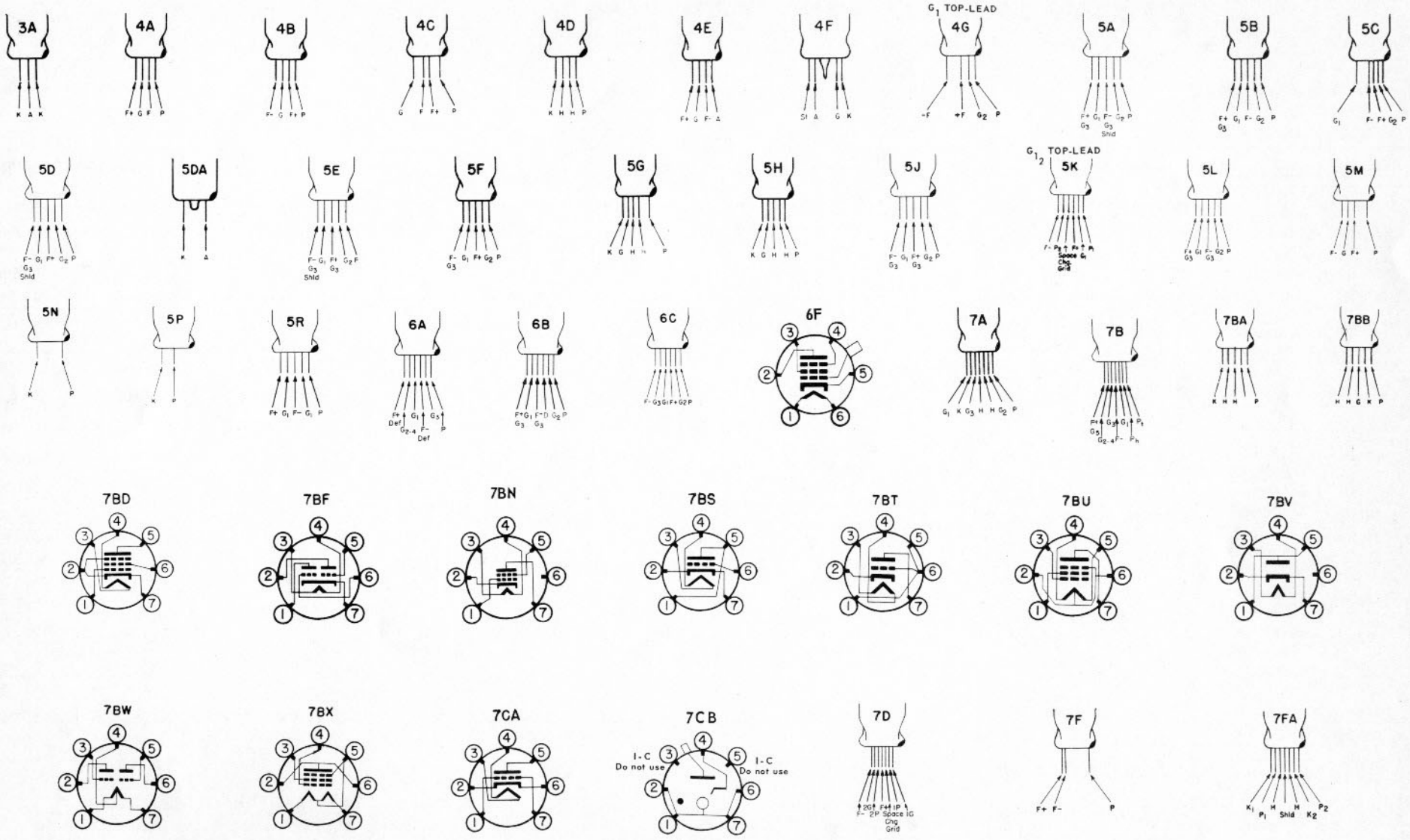
* With UG/425/U Output Flange

See pages 20-21-22 for basing diagrams and terminal connections.

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BASING DIAGRAMS

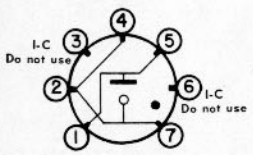
Subminiature types viewed with Red Dot on right hand side ( ) other types viewed from bottom of base.



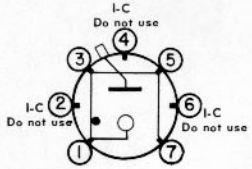
BASING DIAGRAMS

All types viewed from bottom of base unless otherwise shown.

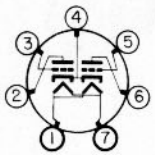
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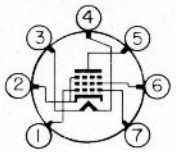
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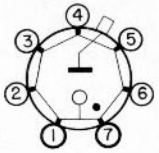
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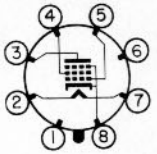
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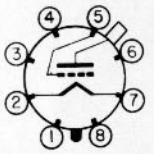
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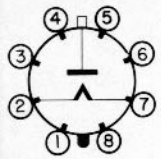
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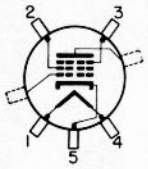
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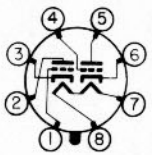
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8B



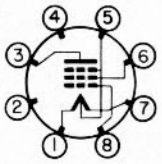
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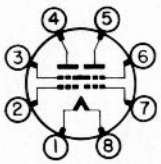
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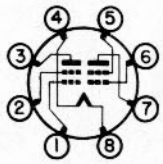
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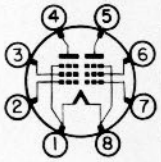
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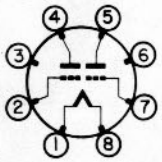
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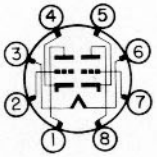
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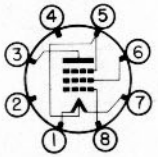
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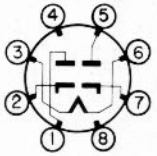
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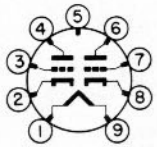
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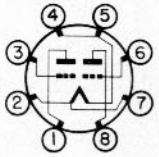
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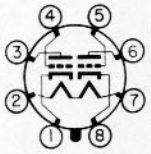
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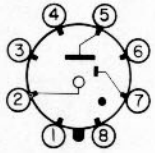
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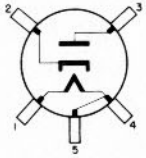
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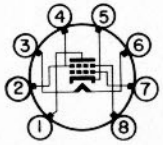
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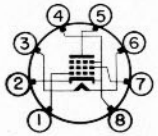
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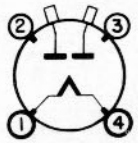
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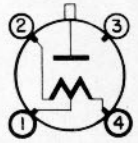
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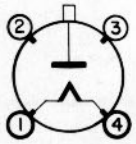
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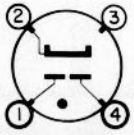
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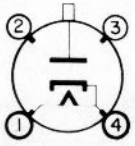
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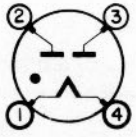
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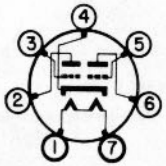
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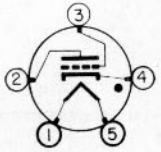
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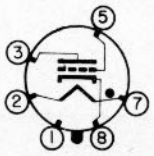
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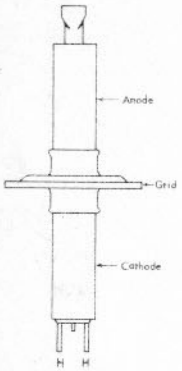




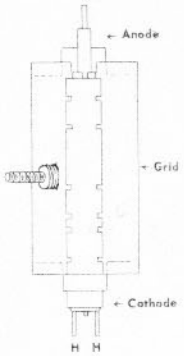
BASING DIAGRAMS

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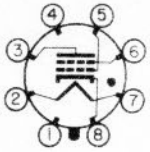
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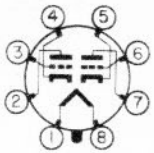
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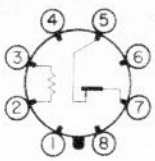
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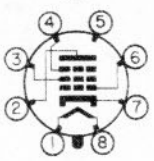
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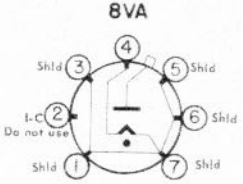
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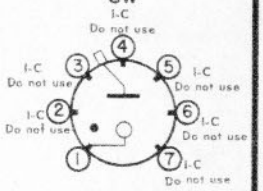
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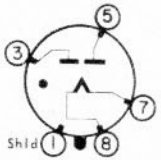
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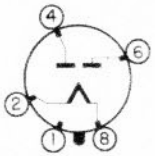
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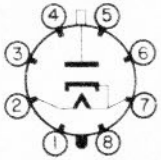
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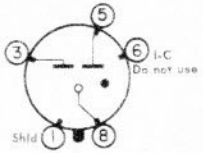
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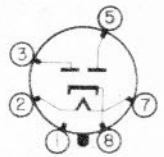
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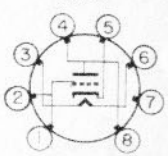
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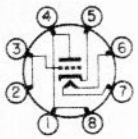
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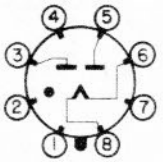
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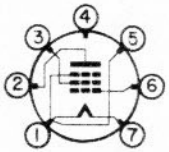
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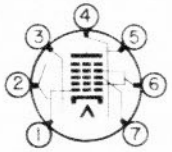
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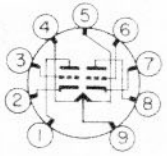
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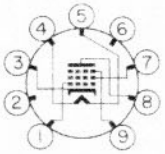
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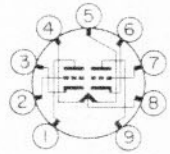
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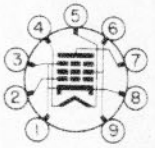
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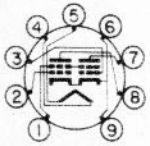
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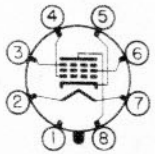
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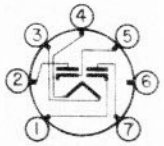
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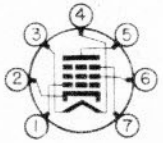
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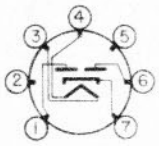
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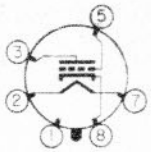
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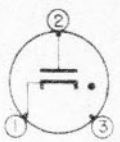
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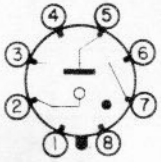
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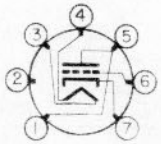
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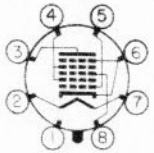
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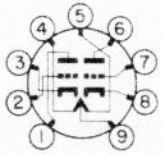
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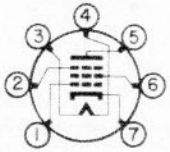
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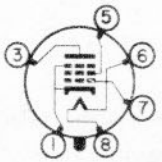
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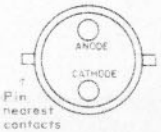
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9Y



9Z





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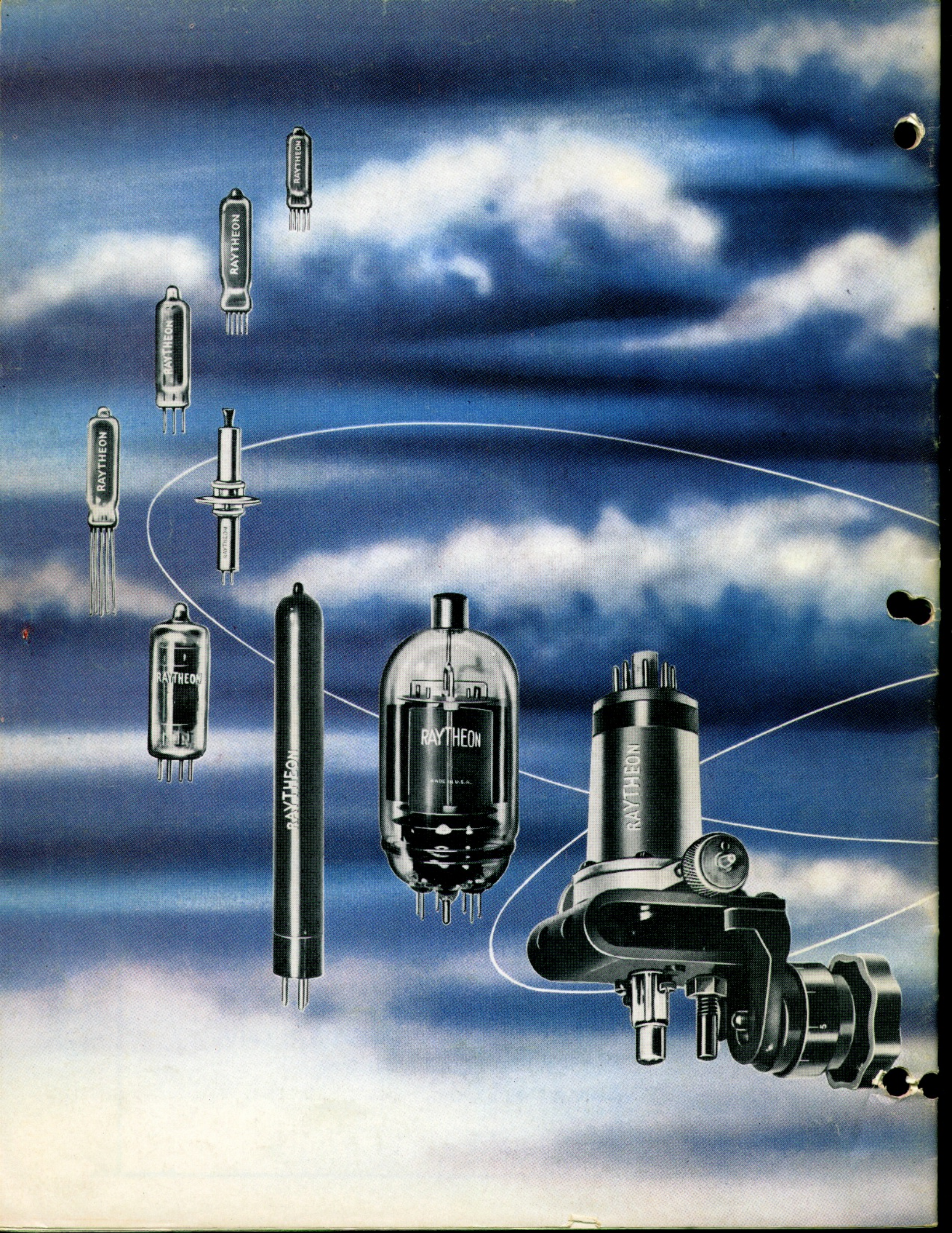
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