SUBMINIATURE TUBES

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HTR or FILAMENT Volts	HTR or FILAMENT Ma.	HTR or FILAMENT Type	TERM. CONN.	MAX. DIMENSIONS Inches Length	MAX. DIMENSIONS Inches Width	MAX. DIMENSIONS Inches Thickness	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	LOAD RESIST. meg.	TYPE
CK539DX	Pentode	Power Amp.	1.25	15	Fil	5J	1.25	.285	.220	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	.285	.220	30	0	30		0.25	0.075		0.5	425	1.4	0.2	CK541DX
CK542DX	Pentode	Power Amp.	1.25	15	Fil	5J	1.25	.285	.220	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	5J	1.4	.290	.225	22.5	−2	22.5		0.425	0.13		0.15	325	3.75	0.05	CK542DXS [1]
CK543DX	Pentode	Voltage Amp.	0.625	15	Fil	5J	1.0	.285	.220	15	−0.625	15		0.005	0.0022		5.0	15	20 [4]		CK543DX
CK544DX	Pentode	Power Amp.	1.25	10	Fil	5J	1.25	.285	.220	30	0	30		0.135	0.035		1.2	325	0.52	0.2	CK544DX
CK545DX	Pentode	Voltage Amp.	0.625	7.5	Fil	5F	1.0	.290	.235	15	−0.625	15		0.0046	0.002		12	16	25 [4]	2.2	CK545DX
CK546DX	Pentode	Power Amp.	1.25	10	Fil	5J	1.25	.285	.220	22.5	0	22.5		0.375	0.085		0.2	425	1.75	0.1	CK546DX
CK547DX	Pentode	Power Amp.	1.25	10	Fil	5J	1.25	.285	.220	30	0	30		0.240	0.060		0.5	425	1.35	0.2	CK547DX
CK548DX	Pentode	Power Amp.	1.25	10	Fil	5J	1.25	.285	.220	22.5	−1.4	22.5		0.240	0.060		0.25	300	2.1	0.1	CK548DX
CK549DX	Pentode	Voltage Amp.	0.625	10	Fil	5J	1.0	.285	.220	15	−0.625	15		0.0046	0.002		12.0	17	27 [4]		CK549DX
CK574AX [1]	Pentode	R-F Amplifier	0.625	20	Fil	5E	1.25	.390	.290	22.5	−0.625	22.5		0.125	0.040		1.25	160			CK574AX [1]
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
CK1036	Gas Diode	HW Rectifier			Cold	5P	1 13/16	Dia. = .400		See Rectifier Tube Section for Characteristics											CK1036
CK1037	Gas Diode	Voltage Reg.			Cold	3A	1.75	Dia. = .400		See Voltage Regulator Tube Section for Characteristics											CK1037
CK1038	Gas Diode	Voltage Reg.			Cold	3A	1.75	Dia. = .400		See Voltage Regulator Tube Section for Characteristics											CK1038
CK1039	Gas Diode	Voltage Reg.			Cold	3A	1.75	Dia. = .400		See Voltage Regulator Tube Section for Characteristics											CK1039
CK1042	Gas Diode	HW Rectifier			Cold	5N	2⅛	Dia. = .400		See Rectifier Tube Section for Characteristics											CK1042
CK5672	Pentode	Power Amp.	1.25	50	Fil	5F	1.5	.385	.285	67.5	−6.5	67.5		3.25	1.1			650	65	0.020	CK5672
CK5676	Triode	UHF Osc.	1.25	120	Fil	4B	1.5	.385	.285	135	−5			4		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. I_c [1] = 5×10^{-18} amp.		CK5697
CK5702	Pentode	R-F Amplifier	6.3	200	Htr	7C	1.5	Dia. = .400		120	Rk200	120		7.5	2.5		0.34	5000			CK5702
CK5702WA	Pentode	R-F Amplifier	6.3	200	Htr	7C	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	1⅝	Dia. = .400		See Voltage Reference Tube Section for Characteristics											CK5783
CK5783WA	Gas Diode	Volt. Reference			Cold	3A	1⅝	Dia. = .400		See Voltage Reference Tube Section for Characteristics											CK5783WA
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	Gas Diode	Volt.Regulator			Cold	3A	2 1/16	Dia. = .400		See Voltage Regulator Tube Section for Characteristics											CK5787WA
CK5829	Dble.Diode	Detector	6.3	150	Htr	7FA	1.5	.410	.385	Max. Inverse Peak Voltage = 330v; Max. Io = 5 ma. per plate											CK5829
CK5829WA	Dble. Diode	Detector	6.3	150	Htr	7FA	1.5	.410	.385	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	5J	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)		CK 5873 [7]
CK5875 [1]	Pentode	Radiosonde	1.25	100	Fil	5A	1.5	.385	.285	90	0	90		3.5	1.0			2500			CK5875 [1]

See page 3 for reference notes — See pages 18 and 19 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.