

5-100

Raytheon



SUBMINIATURE TUBES

5700
Raytheon



INDUSTRIAL TUBE INTERCHANGEABILITY GUIDE



Type	Replace with Raytheon Type
OY4G	0Z4A/CK1003
B2A	2050
2AC-15	623
2AC-15A	623
2B4	2050
2B21	2X2A
2B26	RK816
2B29	RK3B26
2D21/R6200	2D21
2X2/879	2X2A
E-M-2.5	615
M-2K-2.5	615
3B24	RK3B24W
3B24A	RK3B24W
3B26	RK3B29
*3C	604
*EL-3C	604
*EL-3C/L	604L
*C3J	710/6011
*C3J/5632	710/6011
*EL-C3J	710/6011
*C3J/A	710/6011
*C3J/A/5684	710/6011
*EL-C3J/A	710/6011
*4B24	604
*4B24/3C	604
4B32	RK872A
*EL-C4J	740
*EL-C4J/F	740P
*EL-C4J/L	740L
M-5-15	623
5AX4GT	5R4GY
5C21	760
5T4	5R4GY
5V4G	5R4GY
5W4	5R4GY
5Y3G	5R4GY
5Y3GA	5R4GY
5Z4GT	5R4GY
*6B	635
*EL-6B	635
*EL-6B/L	635L
*6C	606
*EL-6C	606
*EL-6C/L	606L
*6F	635P
*EL-6F	635P
*C6J	760
*C6J/5C21	760
*C6J/A	760
*EL-C6J	760
*EL-C6J/A	760
*EL-C6J/F	760P
*EL-C6J/K	760
*EL-C6J/KF	760P
*EL-C6J/KL	760L
*EL-C6J/L	760L
6Q5G	884
15-M	623
HW-15	623
M-15	623
DR-17	715
FG-17	715
TT-17	715
WT-17	715
QK36	RK3B26
QK95	RK3B26
QK98	RK4B31
WT-T100	6X4W
WT-T106	710/6011
WT-T108	3C23
WT-T114	0Z4A/CK1003
WT-T117	715
VT-119	2X2A
WT-132	0A4G
QMG-159	CK1005
CE-203	623
HW-203	623
†WT-210-0001	2D21

Type	Replace with Raytheon Type
†WT-210-0003	884
†WT-210-0004	2050
†WT-210-0015	715
†WT-210-0017	740
†WT-210-0027	RK827A
†WT-210-0040	6X4W
†WT-210-0042	5R4GY
†WT-210-0043	710/6011
†WT-210-0060	0Z4A/CK1003
†WT-210-0062	715
*†WT-210-0063	760
†WT-210-0069	715
†WT-210-0070	5550
†WT-210-0071	1051A
†WT-210-0072	1052A
†WT-210-0073	1053A
†WT-210-0091	0A4G
†WT-210-0106	710/6011
210-0147	1052A
210-0149	1051A
210-0152	1053A
210-0158	1051A
210-0159	1052A
210-0165	1053A
210-0179	760
210-0180	740L
210-0181	760L
CE-215	623
VT-216	RK816
CE-220	RK3B24W
*CE-224	604
CE-230	RK3B24W
RX233	2C33/RX233A
RX233A	2C33/RX233A
FG-235A	1052A
FG-271	1051A
WT-272	715
WT-274B	5R4GY
QM-296	CK5517
CE-309	715
WT-310	623
CE-311	3C23
WE-319A	RK872A
CE-320	710/6011
CE-320A	710/6011
H-350	4C35
F-353	RK872A
F-353A	RK872A
WT-373	615
406	623
GL-415	5550
426	615
428T	RK3B24W
GL-515	4C35
GL-521	4C35
GL-529	4C35
ZG-529	4C35
WT-568	615
R-612G	2X2A
*NL-618	635
*NL-618L	635L
*NL-618P	635P
NL-627	RX212
WL-629	855
WL-651	1052A
WL-652	1051A
WL-656	1052A
WL-657	1051A
WL-681	5550
705A	RK3B24W
NL-715/5557/FG-17	715
732A	RK3B24W
WE-732A	RK3B24W
GL-816	RK816
866JR	RK816
HY-866JR	RK816
NU-866JR/816	RK816
BB-872A	RK872A
C-872A	RK872A



INDUSTRIAL TUBE INTERCHANGEABILITY GUIDE



Type	Replace with Raytheon Type	Type	Replace with Raytheon Type
CE-872A	RK872A	GL-5553B	1053A
F-872A	RK872A	WL-5553B	1053A
GL-872A	RK872A	5557	715
T-872A/872	RK872A	5557/TT-17	715
F-872B	RK872A	GL-5557/FG-17	715
SN-949	CK5643	WL-5557/17	715
SN-949C	CK5643	* 5632	710/6011
UE-972	RK872A	GL-5632	710/6011
NU-976	715	5632/C3J	710/6011
SN-982	CK5643	* 5684	710/6011
1013	CK6174	WL-5684	710/6011
CK-1013	CK5517	5684/C3J/A	710/6011
CK-1013/1B48	CK5517	* 5685	760
CK-1027	CK6174	* WL-5685	760
1047	CK6763	* 5685/C6J	760
NL-1051	1051A	5690	CK6087
NL-1052	1052A	5721/2D21W	2D21
RI-1052	1052A	* 5892	635
NL-1053	1053A	5993	6X4W
RI-1053	1053A	GL-6011	710/6011
W-1053/210-0152	1053A	6063	6X4W
1267	0A4G	GL-6087	CK6087
1299XQ	RK3B24W	R-6175B	5R4GY
1701	715	R-6200	2D21
Z-2098	5R4GY	6202	6X4W
3070	RK872A	R-6210	4C35
5517/1013	CK5517	R-6277	5R4GY
*5545	760	6288	816
GL-5545	760	6346	1051A
5550/210-0070	5550	6347	1052A
GL-5550/GL-415	5550	6348	1053A
WL-5550/681	5550	*GL-6807	760
5551	1051A	*GL-6808	760P
5551/210-0071	1051A	*GL-6809	760L
GL-5551/FG-271	1051A	GL-6857/740	740
WL-5551/652	1051A	GL-6857/740L	740L
5551A	1051A	GL-6857/740P	740P
GL-5551A	1051A	GL-6859/760P	760P
WL-5551A	1051A	*GL-6860/C6J/F	760P
5552	1052A	GL-6930/635P	635P
5552/210-0072	1052A	7014	604
GL-5552/652	1052A	7015	604L
WL-5552/651	1052A	7016	606
5552A	1052A	7017	606L
GL-5552A	1052A	7018	615
WL-5552A	1052A	7019	635
5553	1053A	7020	635L
GL-5553/GL-285A	1053A	7022	740L
5553A	1053A	7023	760L
GL-5553A	1053A	7106	CK6087
WL-5553A	1053A	8008	RK872A
5553B	1053A	38172	RK872A
		38884	884

NOTES:

†This is a tube socket marking on equipment bearing the Weltronic trademark.

*This tube type is replaceable by a Raytheon type, as indicated, except in abnormal temperature applications where air temperature inside cabinet is above 140°F.

NOTE:

Types with the same numerical designation as a Raytheon type but with a different manufacturer's prefix symbol are directly interchangeable with the Raytheon type. For example, the GL-3C23 is interchangeable with the Raytheon 3C23.

Raytheon recommends the direct substitution of the above listed types in all industrial and commercial applications.

Raytheon will render electrical engineering counsel and assistance to support these substitutions.

RAYTHEON COMPANY • DISTRIBUTOR PRODUCTS DIVISION

55 CHAPEL STREET
NEWTON 58, MASS.



SUBMINIATURE TUBES

TYPE	CON- STRUCTION	TYPICAL APPLICATION	HTR or FILIAMENT			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	1.5	.385	.285	45	Rg = 2 meg	45		3.0	0.9		0.5	2000			1AD4 ¹			
1AG4	Pentode	Power Amp.	1.25	40	Fil	1.5	.385	.285	41.4	-3.6	41.4		2.4	0.6		0.18	1000	35	0.012	1AG4 ¹			
1AG5	Diode-Pent.	Det.-Amplifier	1.25	30	Fil	1.5	.385	.285	45	-2	45		0.28	0.12		2.5	250			1AG5			
1AK4	Pentode	R-F Amplifier	1.25	2	Fil	1.5	.385	.285	45	5 meg			0.75			1.5	750			1AK4			
2E31 ¹ 2E32 ¹⁻²	Pentode	R-F Amplifier	1.25	50	Fil	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	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	1 1/8	.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	1.5	.385	.285	30	Rg = 5 meg	30	Rg = 5 meg	Rg 2 = 3 meg					45 ⁴	1	CK501AX			
CK502AX	Pentode	Power Amp.	1.25	30	Fil	1.5	.385	.285	45	-1.25	45		.45	.11		.10	500			CK502AX			
CK510AX	Dble. Tetr.	Voltage Amp.	0.625	50	Fil	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			
CK512AX	Pentode	Voltage Amp.	0.625	20	Fil	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			
CK526AX	Pentode	Power Amp.	1.25	20	Fil	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	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	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	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	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	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	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	1.25	.385	.285	15	-0.625	15		Coupled to 5 meg load Rg = 5 meg Rg 2 = 1.5 meg				24 ⁴	1	CK534AX				
CK535AX	Pentode	Power Amp.	1.25	20	Fil	1.5	.385	.285	15	-1.25	15		0.32	0.075		0.3	350	1.6	0.05	CK535AX			
CK536AX ¹	Pentode	Power Amp.	1.25	15	Fil	1.5	.385	.285	22.5	Rg = 5 meg	22.5		0.36	0.090		0.5	400	1.8	0.075	CK536AX ¹			
CK539DX	Pentode	Power Amp.	1.25	15	Fil	1.25	.290	.235	22.5	-1.4	22.5		0.25	0.075		0.25	300	2.2	0.1	CK539DX			
CK542DX	Pentode	Power Amp.	1.25	15	Fil	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	1.25	.290	.235	22.5	-2.0	12.5		0.425	0.13		0.15	325	3.75	0.05	CK542DXS ¹			
CK547DX	Pentode	Power Amp.	1.25	10	Fil	1.25	.290	.235	30	Rg = 10 meg	30		0.240	0.06		0.75	425	1.35	0.2	CK547DX			
CK1053	Electrolytic Diode	Elapsed Time Indicator				1.50	Dia. = .400		Max indication μa-hrs. operating current range 1-100 μa														CK1053
CK5643	Gas Tetrode	Control Circuits	6.3	15	Htrs.	1.375	Dia. = .400		Max. peak inverse anode, volts = 500 Max. peak cathode current = 100 ma. Max. average cathode current = 16 ma.														CK5643
CK5676	Triode	UHF Osc.	1.25	120	Fil	1.5	.385	.285	135	-5			4.0		15		1600			CK5676			
CK5678 ¹	Pentode	R-F Amplifier	1.25	50	Fil	1.5	.385	.285	67.5	5 meg	67.5		1.8	0.48		1.0	1100			CK5678 ¹			
CK5785	Diode	HW Rectifier	1.25	15	Fil	1.5	.400	.300	Max. peak inverse voltage = 3500 Max. peak plate current per plate = 450 μa Max. DC output current = 100 μa Average tube drop volts = 17 Base = flex. leads													CK5785	
CK5854	Pentode	Power Amp.	1.25	30	Fil	1.5	.385	.285	45	-2.0	45		0.8	0.25		0.35	550	9.5	0.05	CK5854			
CK5875 ¹	Pentode	Radiosonde	1.25	100	Fil	1.5	.385	.285	90	0	90		3.5	0.9			2500			CK5875 ¹			
CK5886	Pentode	Electrometer	1.25	10	Fil	1.5	.400	.285	10	0.0	Triode Conn.		0.2		1.8		160	Max. I _c ¹ = 2.5x10 ⁻¹³ amp.		CK5886			

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 1/16	.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			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			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			400	1.8	0.075	CK533AX	
CK534AX	Pentode	Voltage Amp.	0.625	15	Fil	5J	1.25	.385	.285	15	-0.625	15	Coupled to 5 meg load Rg = 5 meg 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 compiled as a Raytheon service to the Field, it is not intended to indicate type availability.

CK5889	Pentode	Electrometer	1.25	7.5	Fil	1.6	Dia. = .400	12	-2.0	4.5	0.005	0.005	18	14	Max. Ic ¹ = 3x10 ⁻¹⁵ amp.	CK5889	
CK5971	Triode	Amp.-Osc.	1.25	80	Fil	1.5	.385 .285	67.5	Rg = 5 meg		3.5		23		2100	CK5971	
CK5972 ¹	Pentode	R-F Amplifier	1.25	60	Fil	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	1.5	Dia. = .400	100	Rk270		10		17.5		5100	CK5975	
CK5995	Diode	HW Rectifier	6.3	300	Htr	1.75	Dia. = .400	Max. peak inverse voltage = 850 Max. peak plate current per plate = 275 ma. Max. DC output current = 45 ma. Average tube drop volts = 25 Base = flex. leads								CK5995	
CK6021 ⁷	Dble. Triode	Voltage Amp.	6.3	300	Htr	1%	Dia. = .400	100	Rk150		6.5		35		5400 (Each Unit)	CK6021 ⁷	
CK6029	Triode	UHF Osc.	1.25	200	Fil	1.5	.385 .285	90	-4		11		8.5		2000	CK6029	
CK6050	Triode	UHF Osc.	1.25	120	Fil	1.5	.385 .285	135	-5		4.0		15		1600	CK6050	
CK6088	Pentode	Power Amp.	1.25	20	Fil	1.5	.385 .285	45	-1.25	45	0.675	0.150		0.7	560	10.5 0.2 CK6088	
CK6110 ⁷	Dble. Diode	Detector	6.3	150	Htr	1%	Dia. = .400	Max. Inverse Peak Voltage = 420v Max. I ² = 4 ma. per plate								CK6110 ⁷	
CK6111 ⁷	Dble. Triode	Voltage Amp.	6.3	300	Htr	1%	Dia. = .400	100	Rk220		8.5		20		5000 (Each Unit)	CK6111 ⁷	
CK6112 ⁷	Dble. Triode	Voltage Amp.	6.3	300	Htr	1%	Dia. = .400	100	Rk500		0.8		70		1800 (Each Unit)	CK6112 ⁷	
CK6152	Triode	Amp.-Osc.	6.3	200	Htr	1.5	Dia. = .400	100	Rk270		10		17.5		5100	CK6152	
CK6213	Gas Diode	Voltage Ref.			Cold	1%	Dia. = .400	Min. starting voltage supply in light = 200 Operating voltage approx. = 127-133 Min. operating current ma. = 1 Max. operating current ma. = 2.5 Max. regulation volts = 2								CK6213	
CK6245	Pentode	UHF Amplifier	6.3	200	Htr	1.50	Dia. = .400	20	0	30	0	2.5		1.0	3275	CK6245	
CK6281 ¹	Pentode	R-F Amplifier	0.625	20	Fil	1.25	.385 .285	22.5	Rg = 5 meg	22.5	Rg = 5 meg		Rg 2 = 2.7 meg		37 ⁴	1 CK6281 ¹	
CK6286	Triode	Osc.-Amp.	1.25	125	Fil	1.5	.385 .285	67.5	-2		6.0		11.5		2100	CK6286	
CK6397 ^{4 7}	Beam Pent	R-F Pwr Amp. Doubler	1.25 2.5	125 62.5	Fil	1.60	Dia. = .400	125	-7.5	125	7.25	1.2			1950	CK6397 ⁴	
CK6418	Pentode	Power Amp.	1.25	10	Fil	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	1.0	.290 .235	15	-0.625	15	Reg = 10 meg	Coupled to 10 meg load Rg 2 = 3.3 meg			27 ⁴	2.2 CK6419	
CK6436	Gas Diode	H W Rectifier			Cold	1 1/8	Dia. = .400	Max. peak inverse voltage = 1,500 Max. peak plate current per plate = 10 ma. Max. DC output current = 100 μa Average tube drop volts = 100 Base = flex leads								CK6436	
CK6437	Gas Diode	Volt. Regulator			Cold	1%	Dia. = .400	Min. starting voltage supply in light = 800 Operating voltage approx. = 700 Min. operating current ma. = 0.005 Max. operating current ma. = 0.100 Max. regulation volts = 15								CK6437	
CK6438	Gas Diode	Volt. Regulator			Cold	1%	Dia. = .400	Min. starting voltage supply in light = 1400 Operating voltage approx. = 1200 Min. operating current ma. = 0.005 Max. operating current ma. = 0.100 Max. regulation volts = 20								CK6438	
CK6519	Pentode	Power Amp.	1.25	10	Fil	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	1.5	.385 .285	110	-6	110	6.5	1.15			1900	375	0.01 CK6526
CK6540	Pentode	R. F. Amplifier	6.3	200	Htr	1.5	Dia. = .400	120	Rk220	120	0	7.5	2.6		0.34	5000	CK6540
CK6542	Gas Diode	Volt. Regulator			Cold	2.5	Dia. = .400	Min. starting voltage supply in light = 185 Operating voltage approx. = 150 Min. operating current ma. = 5 Max. operating current ma. = 25 Max. regulation volts = 6								CK6542	
CK6611	Pentode	R-F Amplifier	1.25	20	Fil	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	1.5	.385 .285	30	Rg = 2 meg	30		3.0	1.0		0.18	3000	CK6612
CK6659	Gas Diode	H W Rectifier			Cold	2 1/8	Dia. = .400	Max. peak inverse voltage = 2800 Max peak plate current per plate = 40 ma. Max. DC output current = 8 ma. Average tube drop volts = 100 Base = flex. leads								CK6659	
CK6814	Triode	Volt. Amp.	6.3	15	Htr	1 3/8"	Dia. = .400	100	Rk150		10		29	.0048	6000	CK6814	
CK6832 ⁷	Dble. Triode	D-C Amplifier	6.3	400	Htr	1.50	Dia. = .400	100	Rk3000		0.75		26	0.026	1000	CK6832 ⁷	
CK6872	Pentode	R-F Amplifier	6.3	200	Htr	1.50	Dia. = .400	120	Rk200	120	0	7.75	2.7		4100	CK6872	
CK6932	Pentode	Mixer Gated Amp.	1.25	20	Fil	1.625	Dia. = .400	45	-1.25	45	0	.56	.32		475	CK6932	
CK6999	Pentode	Power Amp.	1.32	10	Fil	1 1/2"	Dia. = .295 x .385	67.5	4.5	67.5		5	1.2		1800	CK6999	
CK7576	Triode	RF Power Amp.	6.3	450	Htr	1.750	Dia. = .400	200				15		44	10,500	CK7576	

¹ Fully shielded by metallic coating. ² Leads are 0.016" diameter and 0.200" long. ³ Conversion Conductance. ⁴ Voltage Gain (ratio). ⁵ Space-Charge tube, given in 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.

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