SPECIAL PURPOSE TUBES

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HTR or FILAMENT Volts	HTR or FILAMENT Amps.	HTR or FILAMENT Type	BASING	MAX. DIMENSIONS Inches Height	MAX. DIMENSIONS Inches 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	OUT-PUT watts	LOAD RESIST. ohms	TYPE
1AE4	Pentode	R-F Amplifier	1.25	0.1	Fil	8YA	2⅛	¾	90	0	90		3.5	1.2		0.5	1550			**1AE4**
2C50	Dble. Triade	Pawer Amplifier	12.6	0.3	Htr	8BD	3 3/16	1 5/16	300	−24			12.5		9.5		1750	(Eoch Unit)		**2C50**
2C52	Dble. Triode	Voltage Amp.	12.6	0.3	Htr	8BD	3 5/16	1 5/16	250	−2			1.3		90		1900	(Each Unit)		**2C52**
3A4	Pentode	RF-AF Pwr. Amp.	2.8 1.4	0.4 0.2	Fil	7BX	2⅛	¾	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	2⅛	¾	90	−2.5			3.7		15		1800			**3A5**
3B4	Beam Pentode	RF Amp. Osc.	2.5	0.16	Fil	7BU	2⅛	¾	150	−38	135		25	6.2	(IC_1=55 ma)			1.25 (at 100 Mc)		**3B4**
6AJ5	Pentode	RF-AF Amplifier	6.3	0.175	Htr	7BD	1¾	¾	28	Rk200	28		3	1.2		0.090	2750			**6AJ5**
6AN5	Pentode	RF-AF Pwr. Amp.	6.3	0.45	Htr	7BD	2⅛	¾	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	1¾	¾	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	2⅛	¾	100	Rk100			10		55		11000			**6J4**
6N4	Triode	HF Oscillator	6.3	0.2	Htr	7CA	1¾	¾	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	8G	4 17/32	1 9/16	250	−3	100		2.3	0.5		1.5	1250			**CK108**
CK118	Thermal Relay	Overload Protect.				8S	2⅞	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	7K	4 9/32	1 9/16	135	−3	135		5.5			0.75	1800			**310A**
954	Pentode	UHF Amplifier	6.3	0.15	Htr	8B	1⅞	1 5/32	250	−3	100		2	0.7		>1	1400			**954**
955	Triode	UHF Oscillator	6.3	0.15	Htr	8D	1⅜	1 5/32	250	−7			6.3		25		2200			**955**
956	Pentode	UHF Amplifier	6.3	0.15	Htr	8B	1⅞	1 5/32	250	−3	100		6.7	2.7		0.7	1800			**956**
957	Triode	UHF Oscillator	1.25	0.05	Fil	8C	1⅜	1 5/32	135	−5			2		13.5		650			**957**
CK1030	Spark Gap	Overvolt.Protect.				None	1 5/16	⅝	Breakdown Voltage=1500 to 2000 volts; Min. External Imped.=5000 ohms.											**CK1030**
CK1031	Spark Gap	Overvolt.Protect.				None	1 5/16	⅝	Breakdown Voltage=3000 to 3500 volts; Min. External Imped.=10,000 ohms.											**CK1031**
CK1033	Spark Gap	Overvolt. Protect.				None	1 5/16	⅝	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 9/16	⅞	150	−2	120		15	2.7		0.06	5800	(Each Unit)		**CK5656**
CK5694	Dble. Triode	Power Amplifier	6.3	0.8	Htr	8CS	4⅝	1 13/16	294	−6			7		35		3200	(Each Unit)		**CK5694**
CK5910	Pentode	Radiosonde	1.4	0.05	Fil	8YA	2⅛	¾	90	0	90		1.6	0.45		1.5	900			**CK5910**
9001	Pentode	UHF Amplifier	6.3	0.15	Htr	7BD	1 13/16	¾	250	−3	100		2	0.7		>1	1400			**9001**
9002	Triode	UHF Oscillator	6.3	0.15	Htr	7BS	1 13/16	¾	250	−7			6.3		25		2200			**9002**
9003	Pentode	UHF Amplifier	6.3	0.15	Htr	7BD	1 13/16	¾	250	−3	100		6.7	2.7		0.7	1800			**9003**
9005	Diode	Detectar	3.6	0.165	Htr	8DA	1⅜	⅝	Max. Plate Voltage (RMS)=117v; Max. Io=1.0 ma.											**9005**
9006	Dble. Diode	Detectar	6.3	0.15	Htr	7BV	1 13/16	¾	Max. Peak Inverse=750 v; Max. Io=5 mo.											**9006**

See page 3 for reference notes — See pages 18 and 19 far basing diagrams and terminal connectians.
This data is campiled as a Raytheon service to the Field, it is not intended ta indicate type availability.