RUGGED TUBES

TYPE	CONSTRUCTION	TYPICAL APPLICATION	HTR or FILAMENT Volts	HTR or FILAMENT Amps	HTR or FILAMENT Type	BASING	MAX. DIMENSIONS Height	MAX. DIMENSIONS 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 ½	See Rectifier Tube Section for Chorocteristics									**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 ¾	¾	120	−2	120		7.5	2.5		0.34	5000	**6AK5W**
6AL5W	Dble. Diode	Detector	6.3	0.3	Htr	9M	1 ¾	¾	Max. Peak Inverse = 330 v; Max. Io = 9 madc per plate									**6AL5W**
6AS6W	Pentode	Mixer-Gated Amp.	6.3	0.175	Htr	9P	1 ¾	¾	120	−2	120	0	5.2	3.5			3200	**6AS6W**
6C4W	Triode	Osc.-Amplifier	6.3	0.15	Htr	9U	1 ¾	¾	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	¾	100	Rk50			8.5		38		5300 (Each Unit)	**6J6W**
6SA7WGT	Heptode	Converter	6.3	0.3	Htr	9V	3 5/16	1 9/32	250	Rg = 20000	100	−2	3.5	8.3		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 5/16	250	−8			9.0		20		2600 (Each Unit)	**6SN7WGT**
6X4W	Dble. Diode	FW Rectifier	6.3	0.6	Htr	9Q	2 5/8	¾	See Rectifier Tube Section for Characteristics									**6X4W**
6X5WGT	Dble. Diode	FW Rectifier	6.3	0.6	Htr.	8XB	3 5/16	1 5/16	See Rectifier Tube Section for Chorocteristics									**6X5WGT**
12J5WGT	Triode	Voltage Amplifier	12.6	0.15	Htr	9R	3 5/16	1 5/16	250	−8			9.0		20		2600	**12J5WGT**

RADIATION COUNTER (GEIGER-MUELLER) TUBES

(All glass, self-quenching)

TYPE	MAX. DIMENSIONS Inches Length	MAX. DIMENSIONS Inches Diam.	TERM. CONN.	OPERATING VOLTAGE RANGE Volts dc	PLATEAU LENGTH Volts dc	RELATIVE PLATEAU SLOPE Per 100v	GEIGER THRESHOLD Volts dc max.	BACKGROUND Unshielded counts/min.	AMBIENT TEMP. RANGE °Cent.	WALL WEIGHT Nominal mg./sq.cm.	EFFICIENCY %	LIFE counts	TYPE
CK1B90	8 ¼	13/16	8HA	Thres. +50	>150	3%	1100	60	−40 to +50	35	90	10^8	**CK1B90**
CK1018	8 ¼	13/16	8HA	850–950	>150	3%	850	60	−40 to +55	35	90	10^8	**CK1018**
CK1019	8 ¼	13/16	8HA	875–975	>150	3%	880	60	−40 to +55	35	90	10^8	**CK1019**
CK1020	6	¾	9S	850–950	>150	3%	850	60	−40 to +55	35	90	10^8	**CK1020**
CK1021	5 ¼	21/32	9S	850–950	>150	3%	850	60	−40 to +55	35	90	10^8	**CK1021**
CK1023	5	¾	5DA	850–950	>150	3%	850	60	−40 to +55	35	90	10^8	**CK1023**
CK1026	3	¾	8HB	850–950	>150	30%	760	30	−70 to +50	175		10^8	**CK1026**
CK1029	5 ¼	21/32	9S	850–950	>150	3%	850	60	−40 to +55	35	90	10^8	**CK1029**
CK1032	3	¾	8HB	1050–1200	>150	30%	1000	30	−70 to +50	175		10^8	**CK1032**
CK1034	2 5/8	0.400	3A	700		20%	585		−55 to +70	Hvy		$>10^{10}$	**CK1034**
CK1035	1.5	W = .385 Th = .285	3A	700			585		−55 to +70	Hvy		$>10^{10}$	**CK1035**

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.