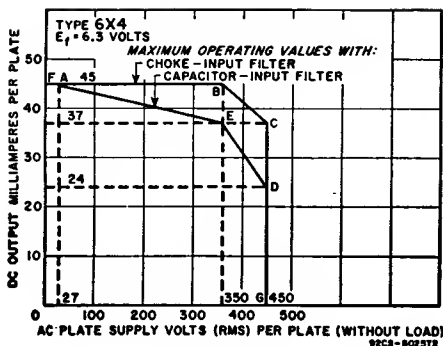


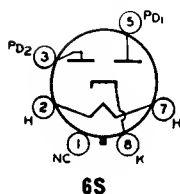
RATING CHART



Refer to chart at end of section.

6X4W

Refer to chart at end of section.

6X5**6S****FULL-WAVE
VACUUM RECTIFIER****6X5GT**

Glass octal type used in power supply of automobile and ac-operated receivers. Outlines section, 13D; requires octal socket. This type may be supplied with pin No.1 omitted. For maximum ratings, and typical operation, refer to type 6X4.

Refer to chart at end of section.

6X8**9AK****MEDIUM-MU TRIODE—
SHARP-CUTOFF PENTODE****6X8A****5X8, 19X8**

Miniature type used as combined oscillator and mixer tube in television receivers utilizing an intermediate frequency in the order of 40 MHz and in AM/FM receivers. Outlines section, 6B; requires miniature 9-contact socket. Types 5X8 and 19X8 are identical with type 6X8A except for heater ratings.

	5X8	6X8A	19X8	
Heater Voltage (ac/dc)	4.7	6.3	18.4	volts
Heater Current	0.6	0.45	0.15	ampere
Heater Warm-up Time (Average)	11	11	—	seconds
Heater-Cathode Voltage:				
Peak value	±200 max	±200 max	±200 max	volts
Average value	100 max	100 max	100 max	volts
Direct Interelectrode Capacitances:				
Triode Unit:				
Grid to Plate	1.5	1.5		pF
Grid to Cathode and Heater	2	2.4		pF
Plate to Cathode and Heater	0.5	1		pF
Pentode Unit:				
Grid No.1 to Plate	0.09 max	0.06 max		pF
Grid No.1 to Cathode, Heater, Grid No.2, and Grid No.3	4.6	4.8		pF
Plate to Cathode, Heater, Grid No.2, and Grid No.3	0.9	1.6		pF
Pentode Grid No.1 to Triode Plate	0.05 max	0.04 max		pF
Pentode Plate to Triode Plate	0.05 max	0.008 max		pF
Heater to Cathode	6.5	6.5*		pF

Unshielded Shielded^A