

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	6†	pF

* With external shield connected to cathode except as noted.

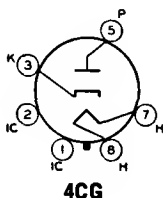
† With external shield connected to plate.

6AU4GT

Refer to chart at end of section.

6AU4GTA HALF-WAVE VACUUM RECTIFIER

Glass octal type used as damper tube in horizontal-deflection circuits of color and wide-angle picture-tube television receivers. Outlines section, 13G; requires octal socket. Type may be supplied with pin No. 1 omitted. Socket terminals 1, 2, 4, and 6 should not be used as tie points. This tube, like other power-handling tubes, should be adequately ventilated.



Heater Voltage (ac/dc)	6.3	volts
Heater Current	1.8	amperes
Direct Interelectrode Capacitances (Approx.):		
Plate to Heater and Cathode	8.5	pF
Cathode to Heater and Plate	11.5	pF
Heater to Cathode	4	pF

Damper Service

For operation in a 525-line, 30-frame system

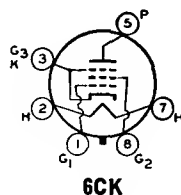
MAXIMUM RATINGS (Design-Maximum Values)

Peak Inverse Plate Voltage#	4500	volts
Peak Plate Current	1300	mA
Average Plate Current	210	mA
Plate Dissipation	6.5	watts
Heater-Cathode-Voltage:		
Peak value	+300 —4500	volts
Average value	+100 —900	volts

Pulse duration must not exceed 15% of a horizontal scanning cycle (10 microseconds).

6AU5GT BEAM POWER TUBE

Glass octal type used as horizontal-deflection amplifier in low-cost, high-efficiency deflection circuits of television receivers. Outlines section, 13D; requires octal socket.



Heater Voltage (ac/dc)	6.3	volts
Heater Current	1.25	amperes
Heater-Cathode Voltage:		
Peak value	±200 max	volts
Average value	100 max	volts
Direct Interelectrode Capacitances (Approx.):		
Grid No.1 to Plate	0.5	pF
Grid No.1 to Cathode, Heater, Grid No.2, and Grid No.3	11.3	pF
Plate to Cathode, Heater, Grid No.2, and Grid No.3	7	pF

Class A₁ Amplifier**CHARACTERISTICS**

	Pentode Connection	Triode† Connection	
Plate Voltage	115	110	volts
Grid-No.2 (Screen-Grid) Voltage	175	100	volts
Grid-No.1 (Control-Grid) Voltage	-20	-4.5	volts
Plate Resistance	6000	—	ohms
Transconductance	5600	—	μmhos
Plate Current	60	—	mA
Grid No.2 Current	6.8	—	mA

† Grid No.2 connected to plate.