

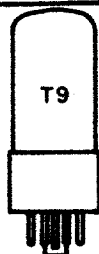
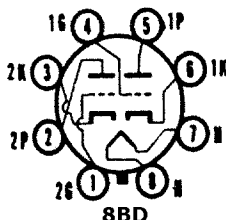
6SL7GT

12SL7GT

AF VOLTAGE AMPLIFIER

High Mu Twin Triode

ConstructionOctal T-9
Base.....Octal 8 Pin, B8-6 or B8-58
Basing8BD
Outline9-11 or 9-41
Maximum Diameter1.188 in.
Maximum Seated Height2.750 in.
Maximum Overall Height3.312 in.



ELECTRICAL DATA

HEATER OPERATION

Heater Voltage.....	12.6
Heater Current	150
Maximum Heater-Cathode Voltage	90

6SL7GT

6.3 Volts
300 Ma
90 Volts

DIRECT INTERELECTRODE CAPACITANCES (Shielded)⁽¹⁾

	Section No. 1 ⁽²⁾	Section No. 2 ⁽²⁾
Grid to Plate	2.8	2.8 Pf
Grid to Cathode.....	3.0	3.4 Pf
Plate to Cathode	3.8	3.2 Pf
Coupling		
Plate to Plate	0.4	Pf
Grid to Grid	0.65	Pf
Grid Section No. 2 to Plate Section No. 1	0.13	Pf

RATINGS (Design Center Rating System) (Each Section)

Plate Voltage (Max.)	300 Volts
Plate Dissipation (Max.)	1.0 Watt
Positive Grid Voltage (Max.)	0 Volt

CHARACTERISTICS AND TYPICAL OPERATION

Class A1 Amplifier (Each Section)

Plate Voltage	250 Volts
Grid Voltage	-2 Volts
Cathode Bias Resistor	870 Ohms
Plate Current	2.3 Ma
Transconductance	1600 μ mhos
Amplification Factor	70
Plate Resistance.....	44,000 Ohms

NOTES:

- (1) Standard 1 $\frac{1}{16}$ " diameter shield (EIA Std. M8-308) connected to cathode.
(2) Section No. 1 connects to pins 4, 5, and 6. Section No. 2 connects to pins 1, 2, and 3.