

Grid No. 2 Voltage	See Rating Chart (Gen. Info. Sec.)	
Plate Dissipation (Max.)		2.5 Watts
Grid No. 2 Dissipation (Max.)		0.7 Watts
Positive Grid No. 1 Voltage (Max.)		0 Volt
Grid Circuit Resistance (Self Bias) (Max.)		1.0 Megohm

CHARACTERISTICS AND TYPICAL OPERATION

Plate Voltage	100	250 Volts
Grid No. 3 Voltage	Connected to Cathode at Socket	
Grid No. 2 Voltage	100	100 Volts
Grid No. 1 Voltage	-3	-3 Volts
Plate Current	2.9	3 Ma
Grid No. 2 Current	0.9	0.8 Ma
Transconductance	1575	1650 μ mhos
Plate Resistance (Approx.)	0.7	1.0 Megohm
E _{c1} for I _b = 10 μ A (Approx.)	-8	-8 Volts

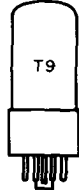
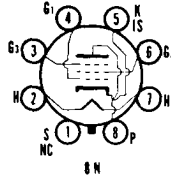
RF or IF AMPLIFIER

6SK7GT

12SK7GT

Remote Cutoff Pentode

Construction	Octal T-9
Base	Octal 8 Pin, B8-6
Basing	.8N
Outline	9-11
Maximum Diameter	1.188 In.
Maximum Seated Height	2.750 In.
Maximum Overall Height	3.312 In.



**ELECTRICAL DATA
HEATER OPERATION**

Heater Voltage	12.6	6.3 Volts
Heater Current	150	300 Ma
Maximum Heater-Cathode Voltage	90	90 Volts

DIRECT INTERELECTRODE CAPACITANCES (Shielded)

Grid No. 1 to Plate (Max.)	0.005 Pf
Input: g ₁ to (H + k + g ₂ + g ₃)	6.5 Pf
Output: p to (H + k + g ₂ + g ₃)	7.5 Pf

RATINGS (Design Center Rating System)

Plate Voltage (Max.)	300 Volts
Grid No. 2 Supply Voltage (Max.)	300 Volts
Grid No. 2 Voltage	See Rating Chart (Gen. Info. Sec.)
Positive Grid No. 1 Voltage (Max.)	0 Volt
Plate Dissipation (Max.)	4.0 Watts
Grid No. 2 Dissipation (Max.)	0.4 Watt

CHARACTERISTICS AND TYPICAL OPERATION

Plate Voltage	100	250 Volts
Grid No. 3 Voltage	Connected to Cathode at Socket	
Grid No. 2 Voltage	100	100 Volts
Grid No. 1 Voltage	-1	-3 Volts
Plate Current	13	9.2 Ma
Grid No. 2 Current	4.0	2.6 Ma
Transconductance	2350	2000 μ mhos
Plate Resistance (Approx.)	120,000	800,000 Ohms
E _{c1} for G _m = 10 μ mhos (Approx.)	-35	-35 Volts

AF VOLTAGE AMPLIFIER

6SL7GT

12SL7GT

High Mu Twin Triode

Construction	Octal T-9
Base	Octal 8 Pin, B8-6 or B8-58
Basing	.8BD
Outline	9-11 or 9-41
Maximum Diameter	1.188 In.
Maximum Seated Height	2.750 In.
Maximum Overall Height	3.312 In.

