

6AC7-GT is a sharp cutoff pentode having high mutual conductance, and used for wide band amplification.

BASE B8-26 Octal

MOUNTING POSITION—Any

HEATER

Voltage .....6.3 (V)

Current ..... 0.45 (A)

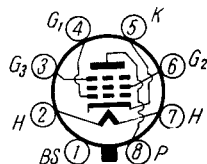
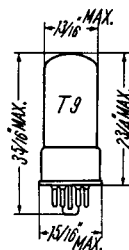
DIRECT INTERELECTRODE

CAPACITANCES (With Shield)

Grid No. 1 to Plate.....0.02 max. (pF)

Input .....11.5 (pF)

Output..... 5.5 (pF)



MAXIMUM RATINGS (Design Center Values)		TYPICAL OPERATION	
Plate Voltage	300 (V)	Plate Voltage	300 300 (V)
Grid No. 2 Supply Voltage	300 (V)	Grid No. 3 Voltage	0 0 (V)
Grid No. 2 Voltage—See curve page 10		Grid No. 2 Voltage	150 300 (V)
Plate Dissipation	3 (W)	Grid No. 2 Resistor	— 60 (kΩ)
Grid No. 2 Dissipation	0.4 (W)	Cathode-Bias Resistor	160 160 (Ω)
Peak Heater—Cathode Voltage		Plate Current	10 10 (mA)
Heater negative with		Grid No. 2 Current	2.5 2.5 (mA)
respect to cathode	90 (V)	Transconductance	9,000 9,000 (μ $\mu$ S)
Heater positive with		Plate Resistance	
respect to cathode	90 (V)	(Approx.)	1.0 1.0 (MΩ)
Grid No. 1 Circuit Resistance			
with Cathode Bias Operation with			
Fixed Grid No. 2 Voltage	250 (kΩ)		
with Cathode Bias Operation with			
Grid No. 2 Resistor	500 (kΩ)		