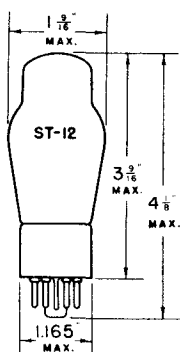


TUNG-SOL



PENTODE POWER AMPLIFIER

UNIPOTENTIAL CATHODE

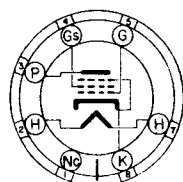
HEATER

6.3 VOLTS 0.15 AMPERE

AC OR DC

GLASS BULB

SMALL 7 PIN OCTAL BASE



G-7S

BOTTOM VIEW

THE TUNG-SOL 6G6G IS A PENTODE POWER AMPLIFIER DESIGNED FOR SERVICE WHERE ECONOMY IN CURRENT CONSUMPTION IS DESIRED.

MAXIMUM RATINGS

MAXIMUM PLATE VOLTAGE	180	VOLTS
MAXIMUM SCREEN VOLTAGE	180	VOLTS
MAXIMUM PLATE DISSIPATION	2.75	WATTS
MAXIMUM SCREEN DISSIPATION	0.50	WATT

OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

	TRIODE	PENTODE		
PLATE VOLTAGE	180	135	180	VOLTS
SCREEN VOLTAGE	—	135	180	VOLTS
GRID VOLTAGE	-12	-6	-9	VOLTS
PEAK AF SIGNAL VOLTAGE	12	6	9	VOLTS
ZERO-SIG. PLATE CURRENT	11	11.5	15	MA.
ZERO-SIG. SCREEN CURRENT	—	2.0	2.5	MA.
PLATE RESISTANCE	4730	170 000	175 000	OHMS
TRANSCONDUCTANCE	2000	2100	2300	μMHOS
AMPLIFICATION FACTOR	9.5	360	400	
LOAD RESISTANCE	12 000	12 000	10 000	OHMS
TOTAL HARMONIC DISTORTION	5	7.5	10	PER CENT
POWER OUTPUT	0.25	0.6	1.1	WATTS

DIRECT INTERELECTRODE CAPACITANCES^S

CONTROL GRID TO CATHODE	6	μμf
PLATE TO CATHODE	10	μμf
CONTROL GRID TO PLATE	0.2	μμf

^S WITH SHIELD

