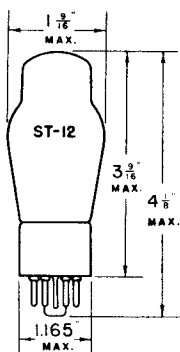


## TUNG-SOL



## PENTODE POWER AMPLIFIER

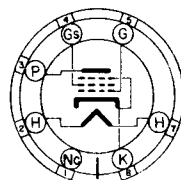
UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 0.15 AMPERE

AC OR DC

GLASS BULB



G-7S

BOTTOM VIEW

SMALL 7 PIN OCTAL BASE

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 A<sub>1</sub> 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<sup>5</sup>

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

<sup>5</sup> WITH SHIELD

