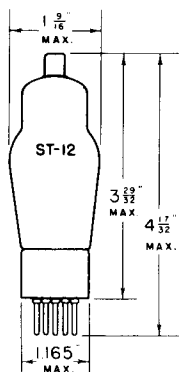


TUNG-SOL



PENTODE AMPLIFIER

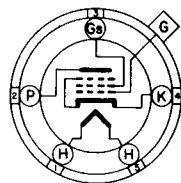
UNIPOTENTIAL CATHODE

HEATER

2.0 VOLTS 0.220 AMPERE
DC

GLASS BULB

SMALL 5 PIN BASE



5 F

BOTTOM VIEW

THE TUNG-SOL 15 IS A SHARP CUT-OFF PENTODE WITH A HEATER OF LOW POWER DRAIN.

OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

PLATE VOLTAGE	67.5	135 ^{MAX.}	VOLTS
SCREEN VOLTAGE ^{MAX.}	67.5	67.5	VOLTS
CONTROL GRID VOLTAGE	-1.5	-1.5	VOLTS
PLATE CURRENT	1.85	1.85	MA.
SCREEN CURRENT	0.30	0.30	MA.
PLATE RESISTANCE	0.63	0.8	MEGOHM
TRANSCONDUCTANCE	710	750	μMHOS
AMPLIFICATION FACTOR	450	600	

DIRECT INTERELECTRODE CAPACITANCES

GRID TO CATHODE	2.35	μμf
PLATE TO CATHODE	7.8	μμf
GRID TO PLATE ^S	0.01 ^{MAX.}	μμf

^S WITH SHIELD