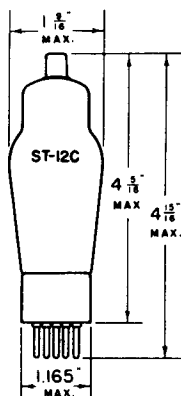


TUNG-SOL

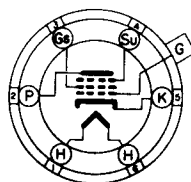


TRIPLE GRID
REMOTE CUT-OFF AMPLIFIER

UNIPOTENTIAL CATHODE
HEATER
2.5 VOLTS 1.0 AMPERE
AC OR DC

GLASS BULB

SMALL 6 PIN BASE



6F

BOTTOM VIEW

THE TUNG-SOL 58 IS A TRIPLE GRID VARIABLE MU AMPLIFIER. EXCEPT FOR HEATER RATINGS, ITS ELECTRICAL CHARACTERISTICS ARE IDENTICAL WITH THOSE OF THE 6D6.

OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

PLATE VOLTAGE	100	250	VOLTS
SCREEN VOLTAGE	100	100	VOLTS
CONTROL GRID VOLTAGE	-3	-3	VOLTS
SUPPRESSOR GRID	CONNECTED TO CATHODE AT SOCKET		
PLATE CURRENT	8	8.2	MA.
SCREEN CURRENT	2.2	2	MA.
PLATE RESISTANCE	0.25	0.8	MEG OHM
TRANSCONDUCTANCE	1500	1600	μMHOS
AMPLIFICATION FACTOR	375	1280	
CONTROL GRID VOLTAGE	-50	-50	VOLTS
FOR TRANSCONDUCTANCE = 2 μMHOS			

AS MIXER IN SUPERHETERODYNE CIRCUIT

PLATE VOLTAGE	100	250 ^{MAX.}	VOLTS
SCREEN VOLTAGE ^{MAX.}	100	100	VOLTS
CONTROL GRID VOLTAGE	-10	-10	VOLTS
SUPPRESSOR GRID	CONNECTED TO CATHODE AT SOCKET		

DIRECT INTERELECTRODE CAPACITANCES

CONTROL GRID TO CATHODE	4.7	μμf
PLATE TO CATHODE	6.3	μμf
CONTROL GRID TO PLATE ^S	.007 ^{MAX.}	μμf

^S WITH SHIELDPLATE
320-1