

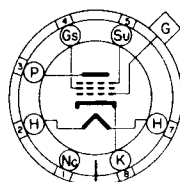
TUNG-SOL

TRIPLE GRID

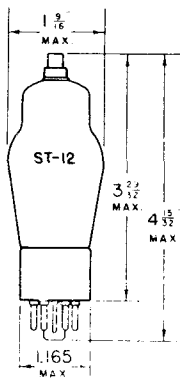
REMOTE CUT-OFF AMPLIFIER

UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 0.15 AMPERE
AC OR DC

G-7Ra

BOTTOM VIEW
SMALL 7 PIN OCTAL BASE

GLASS BULB

THE TUNG-SOL 6S7G IS A TRIPLE GRID REMOTE CUT-OFF AMPLIFIER RECOMMENDED FOR USE WHERE LOW HEATER CURRENT DRAIN IS DESIRABLE. IT IS SUITABLE FOR USE WITH AVC IN RF AND IF AMPLIFIERS, AND IT MINIMIZES CROSS MODULATION. ITS ELECTRICAL CHARACTERISTICS ARE SIMILAR TO THOSE OF THE 606.

RATINGS

MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM SCREEN SUPPLY VOLTAGE	300	VOLTS
MAXIMUM SCREEN VOLTAGE	100	VOLTS
MINIMUM EXTERNAL GRID BIAS VOLTAGE	0	VOLTS
MAXIMUM PLATE DISSIPATION	2.25	WATTS
MAXIMUM SCREEN DISSIPATION	0.25	WATT

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

PLATE VOLTAGE	135	250 ^{MAX.}	VOLTS
SCREEN VOLTAGE	67.5	100 ^{MAX.}	VOLTS
CONTROL GRID VOLTAGE ^{MIN.}	-3	-3	VOLTS
SUPPRESSOR GRID	CONNECTED TO CATHODE AT SOCKET		
PLATE CURRENT	3.7	8.5	MA.
SCREEN CURRENT	0.9	2.0	MA.
PLATE RESISTANCE ^{APPROX.}	1.0	1.0	MEGOHM
TRANSCONDUCTANCE	1250	1750	μMHOS
CONTROL GRID VOLTAGE	-25	-38.5	VOLTS
FOR TRANSCONDUCTANCE = 10 μMHOS			

DIRECT INTERELECTRODE CAPACITANCES^A

CONTROL GRID TO CATHODE	4.4	μf
PLATE TO CATHODE	8.0	μf
GRID TO PLATE	0.008 ^{MAX.}	μf

^A WITH EXTERNAL SHIELD CONNECTED TO CATHODE

FOR "INTERPRETATION OF RATINGS" REFER TO FRONT OF BOOK.

PLATE
877-3

