TUNG-SOL

TRIPLE GRID
REMOTE CUT-OFF AMPLIFIER

UNIPOTENTIAL CATHODE

HEATER
6.3 VOLTS 0.15 AMPERE
AC OR DC

G-7RA
BOTTOM VIEW
SMA LL 7 PIN OCTAL BASE

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 MOD-
ULATION. 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 \( \mu \)Mhos
CONTROL GRID VOLTAGE -25 -38.5 VOLTS
FOR TRANSconductANCE = 10 \( \mu \)Mhos

DIRECT INTERELECTRODE CAPACITANCES\( ^{a} \)

CONTROL GRID TO CATHODE 4.4 \( \mu \)f
PLATE TO CATHODE 8.0 \( \mu \)f
GRID TO PLATE 0.006 MAX. \( \mu \)f

\( ^{a} \) WITH EXTERNAL SHIELD CONNECTED TO CATHODE

FOR "INTERPRETATION OF RATINGS\(^{b}\) REFER TO FRONT OF BOOK.

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