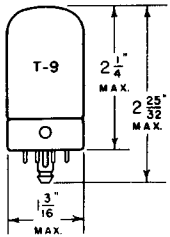
TUNG-SOL

TRIPLE GRID

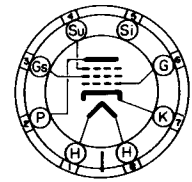
SEMI-REMOTE CUT-OFF AMPLIFIER



UNIPOTENTIAL CATHODE

HEATER

12.6 VOLTS 0.16 AMPERE
AC OR DC



8V

BOTTOM VIEW

GLASS BULB

LOCKING IN 8 PIN BASE

THE TUNG-SOL 14H7 IS A SEMI-REMOTE CUT-OFF AMPLIFIER. IT IS SUITABLE FOR USE WITH AVC AS RF AND IF AMPLIFIERS IN AC-DC OPERATED RECEIVERS USING 150 MA. HEATER TUBES.

RATINGS

NOMINAL HEATER VOLTAGE	14.0	VOLTS
NOMINAL HEATER CURRENT	0.16	AMPERE
MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM SCREEN SUPPLY VOLTAGE	300	VOLTS
MAXIMUM SCREEN VOLTAGE	150	VOLTS
MINIMUM EXTERNAL GRID BIAS VOLTAGE	0	VOLTS
MAXIMUM PLATE DISSIPATION	2.5	WATTS
MAXIMUM SCREEN DISSIPATION	.5	WATT

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

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PLATE 1155-1
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TUNG-SOL

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A1 AMPLIFIER

HEATER VOLTAGE	12.6	12.6	VOLTS
HEATER CURRENT	0.15	0.15	AMPERE
PLATE VOLTAGE	100	250	VOLTS
SCREEN VOLTAGE	100	150	VOLTS
CONTROL GRID VOLTAGE	-1	-2.5	VOLTS
SUPPRESSOR AND INTERNAL SHIELD	0	0	VOLT
PLATE CURRENT	8.2	9.5	MA.
SCREEN CURRENT	3.3	3.5	MA.
PLATE RESISTANCE APPROX.	0.25	0.8	MEGOHM
TRANSCONDUCTANCE	3800	3800	μMHOS
CONTROL GRID VOLTAGE APPROX. FOR TRANSCONDUCTANCE = 35 μMHOS	-12	-19	VOLTS

DIRECT INTERELECTRODE CAPACITANCES[5]

INPUT: CONTROL GRID TO ALL OTHER ELECTRODES EXCEPT PLATE	8.0	μμf
OUTPUT: PLATE TO ALL OTHER ELECTRODES EXCEPT CONTROL GRID	7.0	μμf
CONTROL GRID TO PLATE	0.007 MAX.	μμf

[5] WITH EXTERNAL SHIELD CONNECTED TO CATHODE.

PLATE 1156-1