

TUNG-SOL

REMOTE CUT-OFF RF AMPLIFIER PENTODE

ACORN TYPE

COATED UNIPOTENTIAL CATHODE ^A

HEATER

6.3 VOLTS ^C 0.15 AMPERE

AC OR DC

RATINGS

RF OR AF AMPLIFIER CLASS A₁

MAXIMUM PLATE VOLTAGE	250	VOLTS
MAXIMUM SCREEN (GRID 2) VOLTAGE	100	VOLTS
MAXIMUM PLATE DISSIPATION	1.7	WATTS
MAXIMUM SCREEN DISSIPATION	.3	WATT

TYPICAL OPERATION AND CHARACTERISTICS

HEATER VOLTAGE	6.3	VOLTS
HEATER CURRENT	.15	AMP.
PLATE VOLTAGE	250	VOLTS
SCREEN VOLTAGE (GRID 2)	100	VOLTS
CONTROL GRID VOLTAGE (GRID 1) ^B	-3	VOLTS
PLATE RESISTANCE (APPROX.)	.70	MEGOHM
TRANSCONDUCTANCE	1800	μMHOS
GRID VOLTAGE FOR GM = 10 μMHOS	-35	VOLTS
PLATE CURRENT	5.7	MA.
SCREEN CURRENT	2.7	MA.
SUPPRESSOR CONNECTED TO CATHODE AT SOCKET (GRID 3)		

^A IN CIRCUITS WHERE THE CATHODE IS NOT DIRECTLY CONNECTED TO THE HEATER, THE POTENTIAL DIFFERENCE BETWEEN HEATER AND CATHODE SHOULD BE KEPT AS LOW AS POSSIBLE. IF THE USE OF A LARGE RESISTOR BETWEEN HEATER AND CATHODE IS NECESSARY BECAUSE OF CIRCUIT CONSIDERATIONS, IT IS ESSENTIAL THAT THIS RESISTOR BE BY-PASSED BY A SUITABLE FILTER NETWORK OR OBJECTIONABLE HUM MAY DEVELOP.

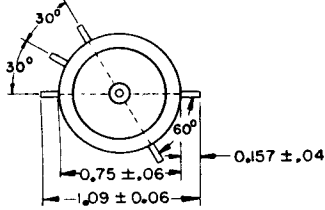
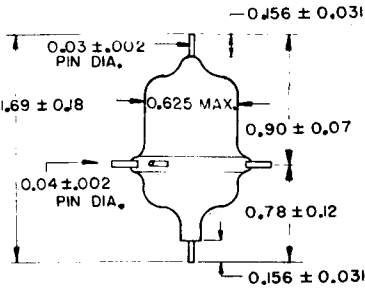
^B THE D-C RESISTANCE IN THE GRID CIRCUIT SHOULD NOT EXCEED 1.0 MEGOHM.

^C SHOULD NOT DEVIATE MORE THAN $\pm 10\%$ FROM RATED VALUE.

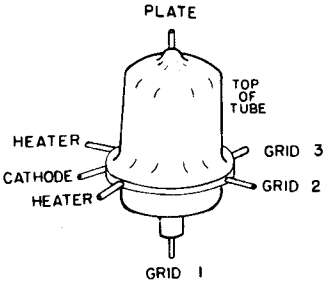
SEE OTHER SIDE OF PAGE FOR PIN
CONNECTIONS AND BULB DIMENSIONS

PLATE
1355-1
OCT. 25
1943

TUNG-SOL



ALL LINEAR DIMENSIONS ARE SPECIFIED IN INCHES



954-956

PIN CONNECTIONS

PLATE
1356-1
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