TUNG-SOL

TRIPLE GRID

REMOTE CUT-OFF AMPLIFIER

UNIPOTENTIAL CATHODE

HEATER

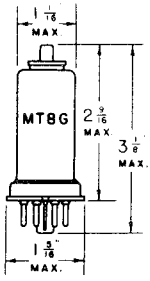
6.3 VOLTS 0.15 AMPERE

AC OR DC

7R

BOTTOM VIEW

7 PIN OCTAL BASE



METAL SHELL

THE TUNG-SOL 6S7 IS A TRIPLE GRID REMOTE CUT-OFF AMPLIFIER RECOMMENDED FOR USE IN APPLICATIONS WHICH REQUIRE A HEATER OF LOW CURRENT DRAIN. IT IS SUITABLE FOR USE WITH AVC IN RF AND IF AMPLIFIERS, AND IT MINIMIZES CROSS MODULATION. ITS RATINGS AND ELECTRICAL CHARACTERISTICS ARE SIMILAR TO THOSE OF THE 6D6.

RATINGS

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

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A1 AMPLIFIER

PLATE VOLTAGE	135	250	VOLTS
SCREEN VOLTAGE	67.5	100	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 FOR TRANSCONDUCTANCE = 10 μMHOS	-2.5	-38.5	VOLTS

DIRECT INTERELECTRODE CAPACITANCES[S]

CONTROL GRID TO CATHODE	6.5	μμf
PLATE TO CATHODE	10.5	μμf
CONTROL GRID TO PLATE	0.005 MAX.	μμf

[S] WITH SHELL CONNECTED TO CATHODE

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

PRINTED IN U.S.A.

PLATE 876-1

OCT. 21 1940