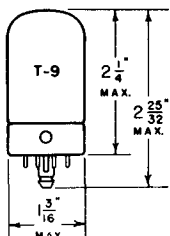


TUNG-SOL

TRIPLE GRID

REMOTE CUT - OFF AMPLIFIER

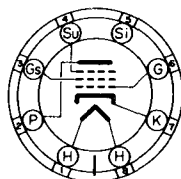


UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 0.15 AMPERE

AC OR DC



8V

BOTTOM VIEW

GLASS BULB

8 PIN LOCKING-IN BASE

THE TUNG-SOL 7B7 IS A TRIPLE GRID REMOTE CUT-OFF AMPLIFIER. IT IS SUITABLE FOR USE WITH AVC IN RF AND IF AMPLIFIERS.

RATINGS

NOMINAL HEATER VOLTAGE	7.0	VOLTS
NOMINAL HEATER CURRENT	0.16	AMP.
MAXIMUM PLATE 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

DIRECT INTERELECTRODE CAPACITANCES^S

CONTROL GRID TO CATHODE	5.0	$\mu\mu\text{f}$
PLATE TO CATHODE	6.0	$\mu\mu\text{f}$
CONTROL GRID TO PLATE	0.007 ^{MAX.}	$\mu\mu\text{f}$

^S WITH AN EXTERNAL SHIELD CONNECTED TO CATHODE

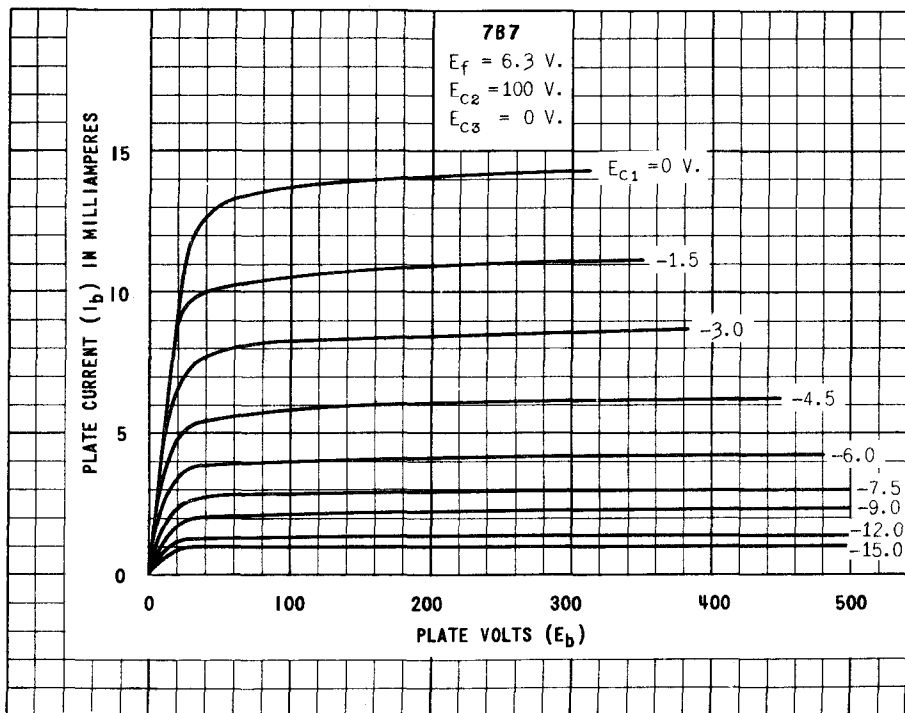
FOR "INTERPRETATION OF RATINGS" REFER TO FRONT OF BOOK.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

PLATE VOLTAGE	100	250	VOLTS
SCREEN VOLTAGE	100	100	VOLTS
CONTROL GRID VOLTAGE	-3	-3	VOLTS
SUPPRESSOR GRID AND PIN #5 CONNECTED TO CATHODE AT SOCKET			
PLATE CURRENT	8.2	8.5	MA.
SCREEN CURRENT	1.8	1.7	MA.
PLATE RESISTANCE	0.3	0.75	MEGOHM
TRANSCONDUCTANCE	1675	1750	μMHOS
CONTROL GRID VOLTAGE	-40	-40	VOLTS

FOR TRANSCONDUCTANCE = 10 μMHOS

PLATE
823-1