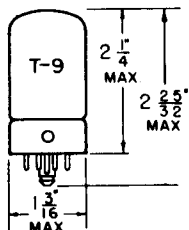


TUNG-SOL

PENTODE



GLASS BULB

COATED UNIPOTENTIAL CATHODE

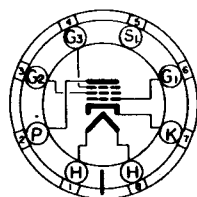
HEATER

6.3 VOLTS 300 MA.

AC OR DC

ANY MOUNTING POSITION

Heater current is
probably 150mA



BOTTOM VIEW

LOCK-IN
8 PIN BASE

8V

THE 7C7 IS A SHARP CUT-OFF GENERAL PURPOSE PENTODE AMPLIFIER.

DIRECT INTERELECTRODE CAPACITANCES

WITH RMA SHIELD #308 CONNECTED TO CATHODE

GRID #1 TO PLATE: (G_1 TO P)0.007 μf INPUT: G_1 TO ($H+K+G_2+G_3+IS$)6 μf OUTPUT: P TO ($H+K+G_2+G_3+IS$)6.5 μf

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	6.3	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	90	VOLTS
MAXIMUM PLATE VOLTAGE	300	VOLTS
MINIMUM GRID #1 VOLTAGE	0	VOLTS
MAXIMUM GRID #2 VOLTAGE	100	VOLTS
MAXIMUM GRID #2 SUPPLY VOLTAGE	300	VOLTS
MAXIMUM PLATE DISSIPATION	1	WATT
MAXIMUM GRID #2 DISSIPATION	0.1	WATT

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

HEATER VOLTAGE	6.3	6.3	VOLTS
HEATER CURRENT	300	300	MA.
PLATE VOLTAGE	100	250	VOLTS
GRID #2 VOLTAGE	100	100	VOLTS
GRID #1 VOLTAGE	-1	-3	VOLTS
SELF-BIAS RESISTOR	130	1 000	OHMS
GRID #3 VOLTAGE	PINS #4 AND #5 CONNECTED TO PIN #7 AT SOCKET		
PLATE CURRENT	5.7	2.2	MA.
GRID #2 CURRENT	1.8	0.7	MA.
PLATE RESISTANCE (APPROX.)	0.4	1	MEGOHM
TRANSCONDUCTANCE	2 275	1 575	μMHOS
GRID VOLTAGE FOR CATHODE CURRENT CUTOFF	-7	-7	VOLTS

→ INDICATES A CHANGE OR ADDITION.

