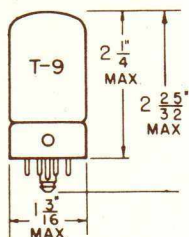


TUNG-SOL

PENTODE



GLASS BULB

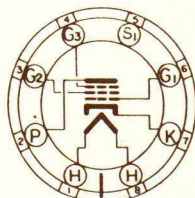
COATED UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 300 MA.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

LOCK-IN
8 PIN BASE

BY

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)
 INPUT: G_1 TO (H+K+ G_2 + G_3 +I S)
 OUTPUT: P TO (H+K+ G_2 + G_3 +I S)

0.007 $\mu\mu\text{f}$
 6 $\mu\mu\text{f}$
 6.5 $\mu\mu\text{f}$

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 A_1 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.

7C7(14C7)

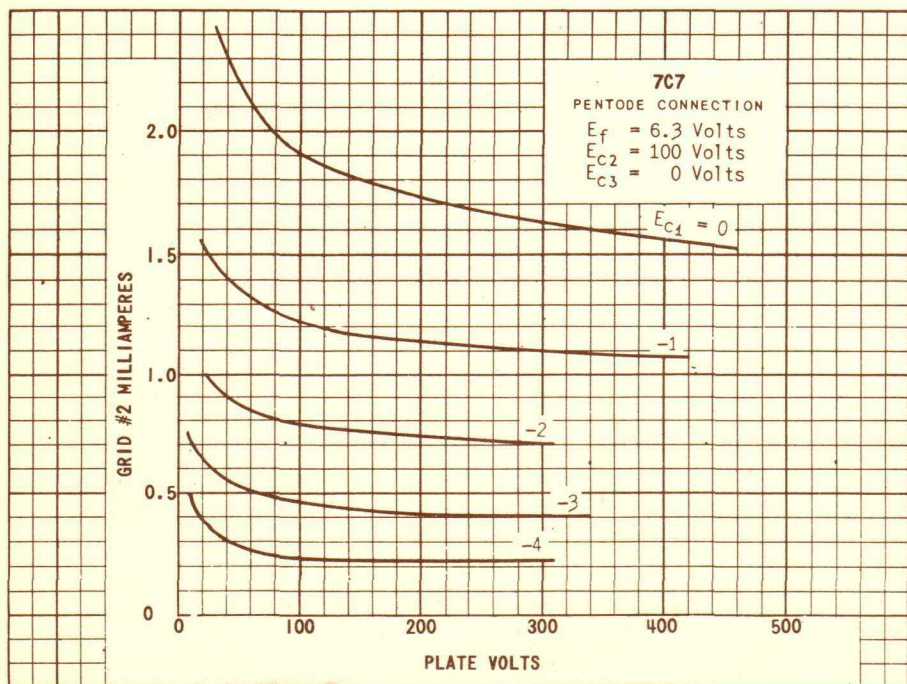
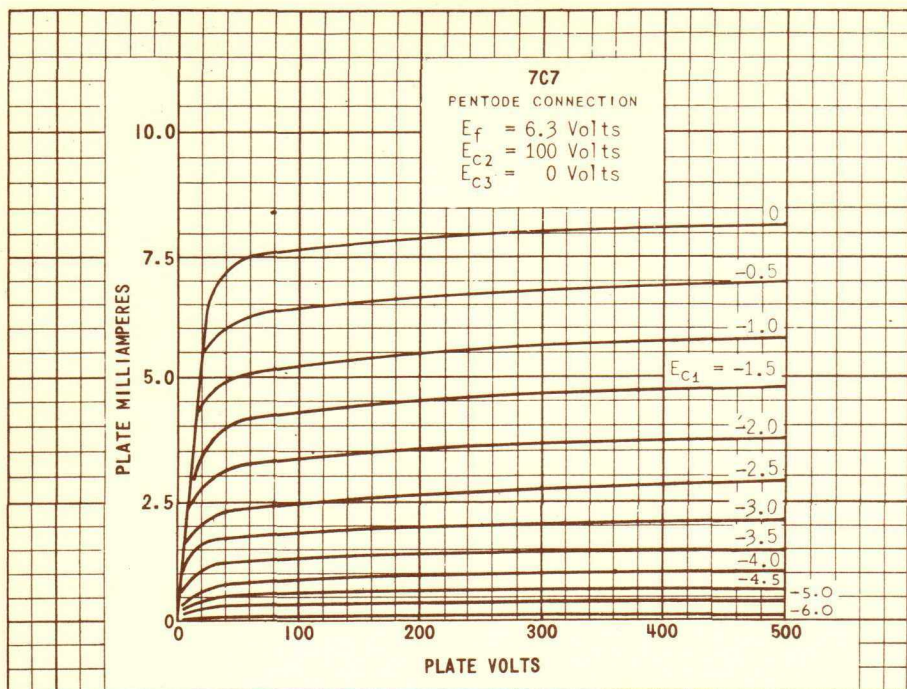


PLATE
2836
JAN. 1
1952

