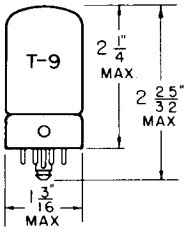
TUNG-SOL

PENTODE



GLASS BULB

COATED UNIPOTENTIAL CATHODE

HEATER
6.3 VOLTS 450 MA.
AC OR DC

ANY MOUNTING POSITION

BOTTOM VIEW
LOCK-IN
8 PIN BASE
8V

THE 7G7/1232 IS A SHARP CUT-OFF PENTODE VOLTAGE AMPLIFIER USING THE LOCK-IN CONSTRUCTION. IT IS DESIGNED FOR USE IN TELEVISION OR OTHER HIGH-FREQUENCY AMPLIFIERS WHERE THE LOW IMPEDANCE CIRCUITS REQUIRED, RESULT IN LOW GAIN WHICH MAY BE PARTIALLY COMPENSATED FOR BY USE OF A HIGH TRANSCONDUCTANCE TUBE.

DIRECT INTERELECTRODE CAPACITANCES
WITH RMA SHIELD #308 CONNECTED TO CATHODE

GRID TO PLATE: (G TO P) MAX.	0.006	μμf
INPUT: G_1 TO (H+K+G_2+G_3+IS)	9	μμf
OUTPUT: P TO (H+K+G_2+G_3+IS)	7	μμf

RATINGS
INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	6.3	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	90	VOLTS
MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM GRID #2 VOLTAGE	100	VOLTS
MAXIMUM GRID #2 SUPPLY VOLTAGE	300	VOLTS
MAXIMUM POSITIVE DC GRID #1 VOLTAGE	0	VOLTS
MAXIMUM PLATE DISSIPATION	1.5	WATTS
MAXIMUM GRID #2 DISSIPATION	0.3	WATT

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A_1 AMPLIFIER

HEATER VOLTAGE	6.3	VOLTS
HEATER CURRENT	450	MA.
PLATE VOLTAGE	250	VOLTS
GRID #3 VOLTAGE AND PIN #5	PIN #4 AND PIN #5 CONNECTED TO PIN #7 AT SOCKET	
GRID #2 VOLTAGE	100	VOLTS
GRID #1 VOLTAGE	-2	VOLTS
PLATE RESISTANCE	0.8	MEGOHM
TRANSCONDUCTANCE	4 500	μMHOS
PLATE CURRENT	6	MA.
GRID #2 CURRENT	2	MA.
GRID #1 VOLTAGE (APPROX.) FOR I_b = 10 μA.	-7	VOLTS

SIMILAR TYPE REFERENCES: Ratings and characteristics somewhat similar to types 7L7 and 1231.

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PLATE
2294
DEC. 1
1949

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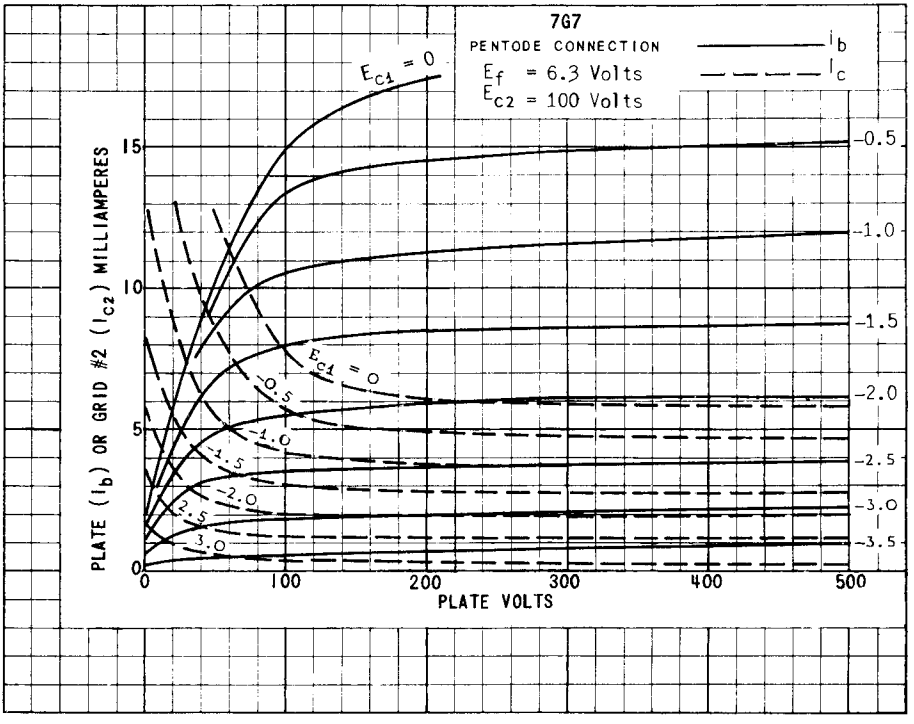
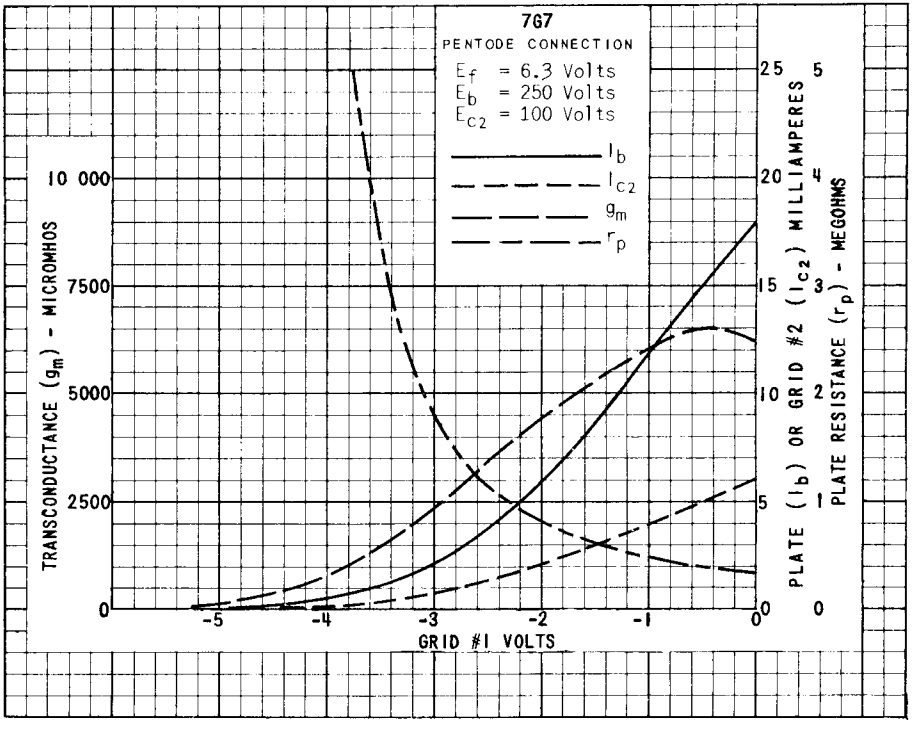
7G7/1232





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