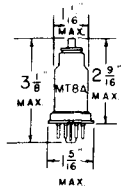
TUNG-SOL



METAL SHELL
SMALL WAFER
7 PIN OCTAL BASE
6R7

DUO-DIODE

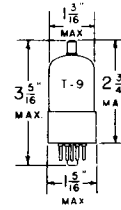
TRIODE AMPLIFIER

UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 0.3 AMPERE

AC OR DC

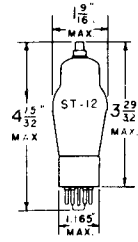


GLASS BULB
INTERMEDIATE
7 PIN OCTAL BASE
6R7GT

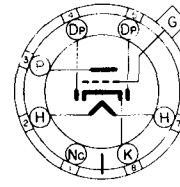
7V

BOTTOM VIEW

6R7



GLASS BULB
SMALL 7 PIN
OCTAL BASE
6R7G



G-7V

BOTTOM VIEW

6R7G, 6R7GT

THE TUNG-SOL 6R7, 6R7G AND 6R7GT COMBINE TWO DIODES AND A TRIODE IN A SINGLE ENVELOPE, USING A COMMON CATHODE. THEY ARE DESIGNED FOR SERVICE AS DIODE DETECTORS, AVC RECTIFIERS, AND AC AUDIO AMPLIFIERS IN AC, STORAGE BATTERY, AND AC - DC OPERATED RECEIVERS.

RATINGS

MAXIMUM PLATE VOLTAGE	250	VOLTS
MAXIMUM PLATE DISSIPATION	2.5	WATTS
MINIMUM DIODE CURRENT WITH 10 VOLTS DC APPLIED PER PLATE	0.8	MA.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A1 AMPLIFIER

PLATE VOLTAGE	250	VOLTS
CONTROL GRID VOLTAGE[A]	-9	VOLTS
PLATE CURRENT	9.5	MA.
PLATE RESISTANCE	8500	OHMS
TRANSCONDUCTANCE	1900	µMHOS
AMPLIFICATION FACTOR	16	

[A] THE DC RESISTANCE IN THE GRID CIRCUIT UNDER MAXIMUM RATED CONDITIONS SHOULD NOT EXCEED 1.0 MEGOHM.

CONTINUED NEXT PAGE

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PLATE 1094-2
JULY 28 1941

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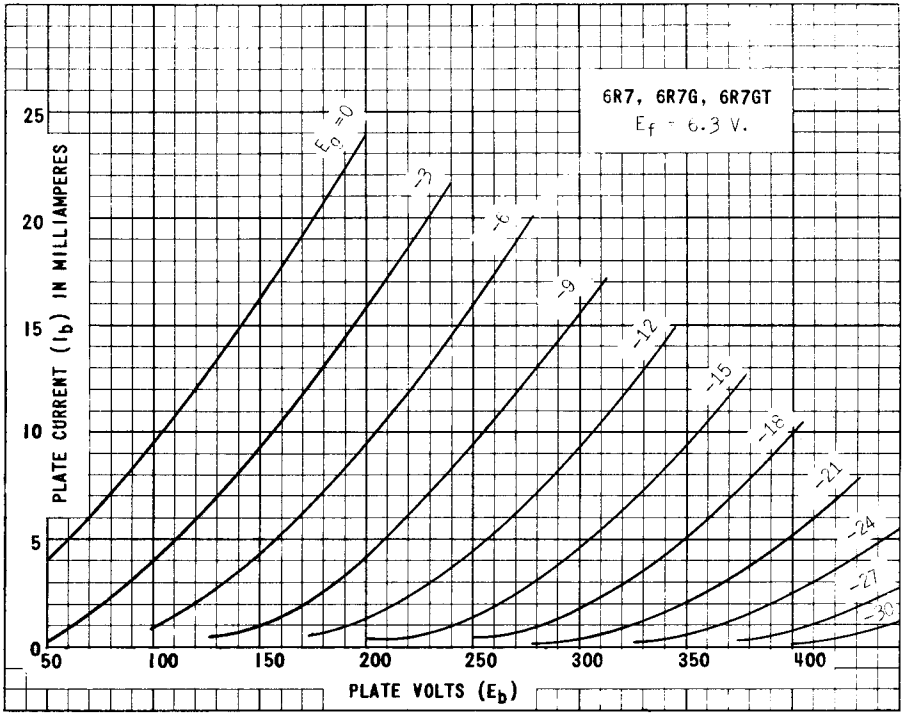
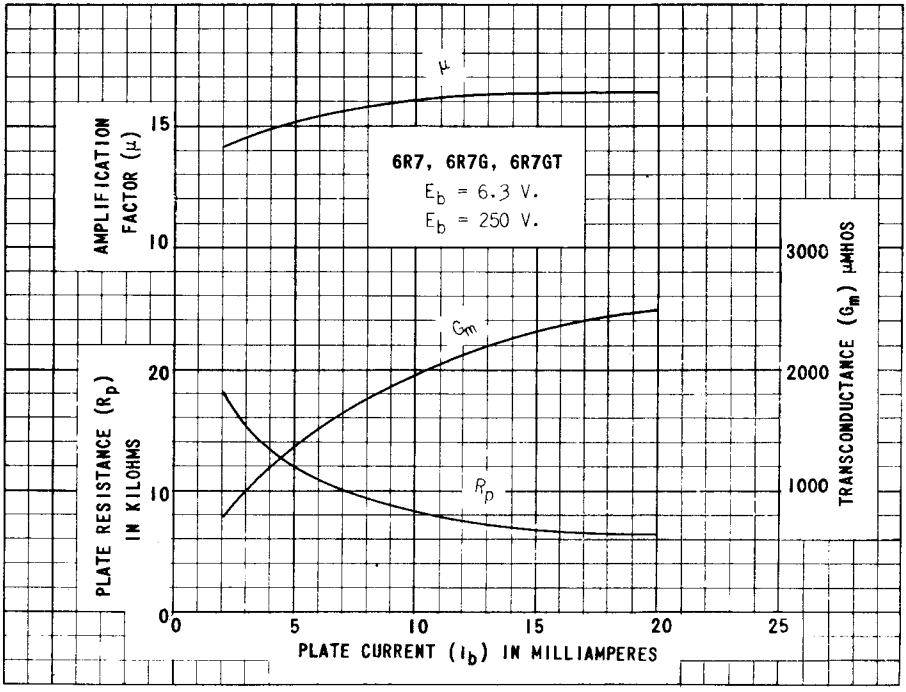
6R7, 6R7G, 6R7GT





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