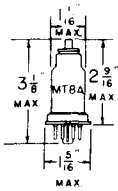


TUNG-SOL



METAL SHELL
SMALL WAFER
7 PIN OCTAL BASE
6R7

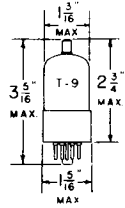
DUO - DIODE

TRIODE AMPLIFIER

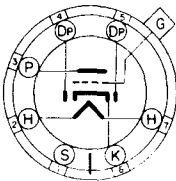
UNIPOTENTIAL CATHODE

HEATER

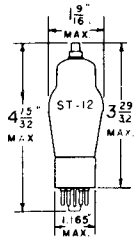
6.3 VOLTS 0.3 AMPERE
AC OR DC



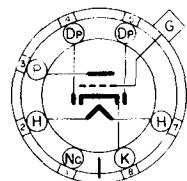
GLASS BULB
INTERMEDIATE
7 PIN OCTAL BASE
6R7GT



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 AS 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	76	

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

CONTINUED NEXT PAGE

6R7, 6R7G, 6R7GT

