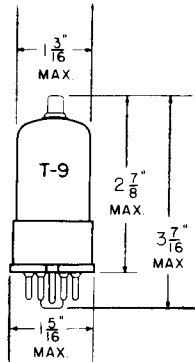


TUNG-SOL

DUO-DIODE PENTODE AMPLIFIER



COATED UNIPOTENTIAL CATHODE

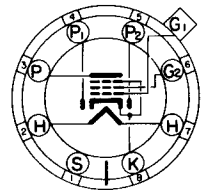
HEATER

6.3 VOLTS 0.3 AMP.

AC OR DC

GLASS BULB

ANY MOUNTING POSITION



BOTTOM VIEW

SMALL WAFER OCTAL 8
PIN BASE

MINIATURE CAP

THE 6B8GT COMBINES TWO DIODES AND A PENTODE UTILIZING A COMMON CATHODE. IT IS DESIGNED FOR SERVICE AS A COMBINED DETECTOR, AVC RECTIFIER AND A PENTODE AMPLIFIER.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM SCREEN SUPPLY VOLTAGE	300	VOLTS
MAXIMUM PLATE DISSIPATION	3.0	WATTS
MAXIMUM SCREEN DISSIPATION	0.3	WATT
MINIMUM EXTERNAL GRID BIAS VOLTAGE	0	VOLTS

DIRECT INTERELECTRODE CAPACITANCES

WITH EXTERNAL SHIELD CONNECTED TO CATHODE

GRID TO PLATE	0.005	μmf
INPUT	4.5	μmf
OUTPUT	10	μmf

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A_1 AMPLIFIER

PENTODE UNIT

PLATE VOLTAGE	250	VOLTS
SCREEN VOLTAGE	125	VOLTS
GRID VOLTAGE	-3.0	VOLTS
PLATE RESISTANCE	0.6	MEG OHM
TRANSCONDUCTANCE	1 325	μMHOS
PLATE CURRENT	10	MA.
SCREEN CURRENT	2.3	MA.
GRID BIAS (FOR CATHODE CURRENT CUT-OFF APPROXIMATE)	-21	MA.

DIODE UNITS - TWO

MINIMUM DIODE CURRENT PER PLATE WITH 40 VOLTS DC APPLIED	0.8	MA.
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