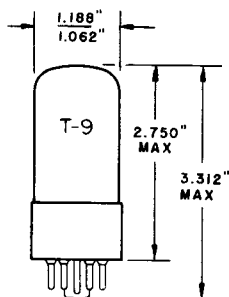


TUNG-SOL

TWIN DIODE

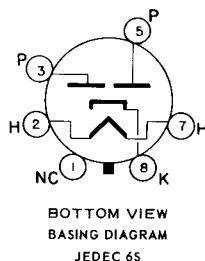


GLASS BULB
INTERMEDIATE SHELL
6 PIN OCTAL B6-8
LOW LOSS PHENOLIC
OUTLINE DRAWING
JEDEC 9-11

FULL - WAVE RECTIFIER

COATED UNIPOTENTIAL CATHODE

ANY MOUNTING POSITION



THE 6X5WGT IS A CATHODE TYPE FULL-WAVE RECTIFIER EMPLOYING A T-9 ENVELOPE WITH A LOW LOSS OCTAL BASE. IT IS DESIGNED FOR USE IN APPLICATIONS WHERE SEVERE CONDITIONS OF VIBRATION AND SHOCK ARE ENCOUNTERED.

HEATER CHARACTERISTICS AND RATINGS

ABSOLUTE MAXIMUM VALUES - SEE EIA STANDARD RS-239

AVERAGE CHARACTERISTICS	6.3	VOLTS	600	MA.
LIMITS OF APPLIED CURRENT			6.3 ± 0.6	VOLTS
MAXIMUM HEATER - CATHODE VOLTAGE			± 450	VOLTS

MAXIMUM RATINGS

ABSOLUTE MAXIMUM VALUES - SEE EIA STANDARD RS-239

PEAK INVERSE VOLTAGE	1,375	VOLTS
STEADY-STATE PEAK PLATE CURRENT (EACH PLATE)	230	MA.
TRANSIENT PEAK PLATE CURRENT (EACH PLATE)	750	MA.
OUTPUT CURRENT (DC) (TOTAL)	75	MA.

SPECIAL TESTS AND RATINGS

IMPACT ACCELERATION
VIBRATIONAL ACCELERATION FOR EXTENDED PERIODS
MECHANICAL RESONANCE
ALTITUDE RATING

CONTINUED ON FOLLOWING PAGE

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CHARACTERISTICS AND TYPICAL OPERATION

PLATE VOLTAGE (AC) PER PLATE	325	450	VOLTS RMS
FILTER INPUT CAPACITOR	8	-----	μ f
FILTER INPUT CHOKE (MIN.)	-----	10	HENRIES
EFFECTIVE PLATE SUPPLY IMPEDANCE ^A			
EACH PLATE	150	-----	OHMS
OUTPUT CURRENT (DC)	70	70	MA.
TUBE VOLTAGE DROP @ 70 mADC PER PLATE		22	VOLTS

A

WHEN FILTER CONDENSERS LARGER THAN 40 μ F ARE USED, IT MAY BE NECESSARY TO INCREASE THE SPECIFIED VALUE OF PLATE SUPPLY IMPEDANCE.

