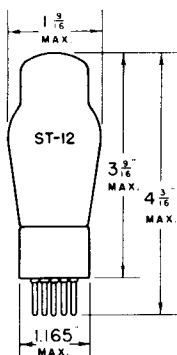


TUNG-SOL



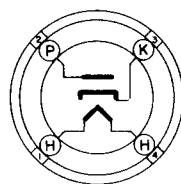
HALF WAVE
HIGH VACUUM RECTIFIER

UNIPOTENTIAL CATHODE

HEATER

12.6 VOLTS 0.3 AMPERE
AC OR DC

GLASS BULB



4G

BOTTOM VIEW

SMALL 4 PIN BASE

THE TUNG-SOL 12Z3 IS DESIGNED FOR SERVICE AS A POWER RECTIFIER IN AC-DC RECEIVERS.

RATINGS

MAXIMUM DC HEATER TO CATHODE POTENTIAL	350	VOLTS
MAXIMUM PEAK INVERSE VOLTAGE	700	VOLTS
MAXIMUM STEADY-STATE PEAK PLATE CURRENT	330	MA.

OPERATING CONDITIONS AND CHARACTERISTICS

HALF WAVE RECTIFIER WITH CONDENSER INPUT TO FILTER

AC PLATE VOLTAGE (RMS)	117	150	235 ^{MAX.}	VOLTS
DC OUTPUT CURRENT ^{MAX.}	55	55	55	MA.
TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE ^{MIN.-A}	0	30	75	OHMS
TUBE VOLTAGE DROP AT 110 MA. PLATE CURRENT	17			VOLTS

^A WHEN FILTER CONDENSERS LARGER THAN 40 MFDs ARE USED, IT MAY BE NECESSARY TO ADD ADDITIONAL PLATE SUPPLY IMPEDANCE.

FOR "INTERPRETATION OF RATINGS", REFER TO FRONT OF BOOK.

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