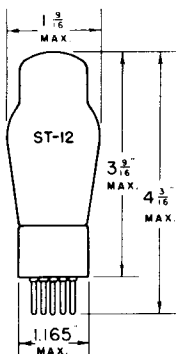


## TUNG-SOL

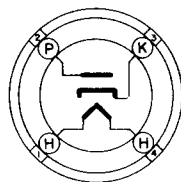


HALF WAVE  
HIGH VACUUM RECTIFIER

UNIPOTENTIAL CATHODE  
HEATER  
12.6 VOLTS 0.3 AMPERE  
AC OR DC

GLASS BULB

SMALL 4 PIN BASE



4G  
BOTTOM VIEW

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 <sup>MAX.</sup>	VOLTS
DC OUTPUT CURRENT <sup>MAX.</sup>	55	55	55	MA.
TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE <sup>MIN. A</sup>	0	30	75	OHMS
TUBE VOLTAGE DROP AT 110 MA. PLATE CURRENT	17			VOLTS

<sup>A</sup> WHEN FILTER CONDENSERS LARGER THAN 40  $\mu$ FDS ARE USED, IT MAY BE NECESSARY TO ADD ADDITIONAL PLATE SUPPLY IMPEDANCE.

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

CONTINUED NEXT PAGE

PLATE  
711-2

FEB. 15  
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