FULL WAVE
HIGH VACUUM RECTIFIER

UNIPOTENTIAL CATHODE

HEATER
5.0 VOLTS 2.0 AMPERES
AC

METAL SHELL

5 PIN OCTAL BASE

THE TUNG-SOL 524 IS DESIGNED FOR SERVICE AS A POWER RECTIFIER IN AC OPERATEU RECEIvers.

RATINGS

MAXIMUM PEAK INVERSE VOLTAGE 1400 VOLTS
MAXIMUM STEADY-STATE PEAK PLATE CURRENT PER PLATE 375 MA.

OPERATING CONDITIONS AND CHARACTERISTICS

FULL WAVE RECTIFIER WITH CONDENSER INPUT TO FILTER

AC PLATE VOLTAGE PER PLATE (RMS) MAX. 350 VOLTS
DC OUTPUT CURRENT MAX. 125 MA.
TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE PER PLATE MIN. 30 OHMS

FULL WAVE RECTIFIER WITH CHOKE INPUT TO FILTER

AC PLATE VOLTAGE PER PLATE (RMS) MAX. 500 VOLTS
DC OUTPUT CURRENT MAX. 125 MA.
VALUE OF INPUT CHOKE MIN. 5 HENRYS
TUBE VOLTAGE DROP AT 125 MA. PER PLATE 20 VOLTS

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

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