

TUNG-SOL

FULL WAVE

HIGH VACUUM RECTIFIER

UNIPOTENTIAL CATHODE

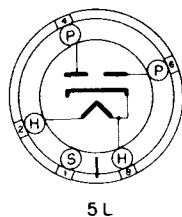
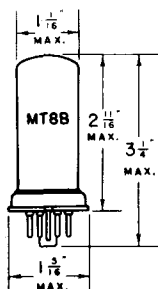
HEATER

5.0 VOLTS 2.0 AMPERES

AC

METAL SHELL

5 PIN OCTAL BASE

5L
BOTTOM VIEW

THE TUNG-SOL 524 IS DESIGNED FOR SERVICE AS A POWER RECTIFIER IN AC OPERATED 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. A}	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	20	VOLTS
AT 125 MA. PER PLATE		

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

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

