TUNG-SOL

FULL WAVE
HIGH VACUUM RECTIFIER

COATED FILAMENT
5.0 VOLTS  1.5 AMPERES
AC

METAL SHELL
5 PIN OCTAL BASE
5W4

GLASS BULB
INTERMEDIATE 5 PIN OCTAL BASE
5W4GT/G

5T
BOTTOM VIEW
5W4

G-5T6
BOTTOM VIEW
5W4GT/G

THE TUNG-SOL 5W4 AND 5W4GT/G ARE DESIGNED FOR SERVICE AS POWER RECTIFIERS IN AC OPERATED RECEIVERS. THEIR RATINGS AND ELECTRICAL CHARACTERISTICS ARE IDENTICAL.

RATINGS

MAXIMUM AC PLATE VOLTAGE (RMS) CONDENSER INPUT PER PLATE 350 VOLTS
MAXIMUM AC PLATE VOLTAGE (RMS) CHOKE INPUT PER PLATE 500 VOLTS
MAXIMUM PEAK INVERSE VOLTAGE 1400 VOLTS
MAXIMUM STEADY-STATE PEAK PLATE CURRENT PER PLATE 300 MA.
TUBE VOLTAGE DROP AT 100 MA. PER PLATE 45 VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

FULL WAVE RECTIFIER WITH CONDENSER INPUT TO FILTER

AC PLATE VOLTAGE PER PLATE (RMS) 350 VOLTS
DC OUTPUT CURRENT MAX. 100 MA.
TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE PER PLATE MIN. A 25 OHMS

FULL WAVE RECTIFIER WITH CHOKE INPUT TO FILTER

AC PLATE VOLTAGE PER PLATE (RMS) 500 VOLTS
DC OUTPUT CURRENT MAX. 100 MA.
VALUE OF INPUT CHOKE MIN. 6 HENRYS

A WHEN FILTER CONDENSERS LARGER THAN 90 UFDS ARE USED, IT MAY BE NECESSARY TO ADD ADDITIONAL PLATE SUPPLY IMPEDANCE.

FOR "INTERPRETATION OF RATINGS" REFER TO FRONT OF BOOK.
5W4, 5W4GT/G

**5W4, 5W4GT/G**

\[ E_f = 5.0 \text{ Volts AC} \]

**ONE PLATE ONLY**

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**5W4, 5W4GT/G**

\[ E_f = 5.0 \text{ Volts AC} \]

**FULL WAVE RECTIFIER**

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**DC LOAD IN MILLIAMPERES**

**DC OUTPUT IN VOLTS**

- **Condenser Input to Filter, C = 4 \mu F**
- **Choke Input to Filter, L = 20 \text{ h}**

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