**TUNG-SOL**

**FULL WAVE**

**HIGH VACUUM RECTIFIER**

COATED FILAMENT

5.0 VOLTS 3.0 AMPERES

AC

GLASS BULB

**5U4G - MEDIUM 5 PIN OCTAL BASE**

**5X4G - MEDIUM 8 PIN OCTAL BASE**

**523 - MEDIUM 4 PIN BASE**

G-5Ta

BOTTOM VIEW

G-5Q

BOTTOM VIEW

4C

BOTTOM VIEW

5U4G

5X4G

523

THE TUNG-SOL 5U4G, 5X4G AND 523 ARE DESIGNED FOR SERVICE AS POWER RECTIFIERS IN AC OPERATED RECEIVERS WHICH REQUIRE HIGH CURRENTS. THEIR RATINGS AND ELECTRICAL CHARACTERISTICS ARE IDENTICAL.

**RATINGS**

MAXIMUM PEAK INVERSE VOLTAGE 1550 VOLTS

MAXIMUM STEADY-STATE PEAK PLATE CURRENT PER PLATE 675 MA.

**OPERATING CONDITIONS AND CHARACTERISTICS**

**FULL WAVE RECTIFIER WITH CONDENSER INPUT TO FILTER**

AC PLATE VOLTAGE PER PLATE (RMS)\(^{MAX}\) 450 VOLTS

DC OUTPUT CURRENT\(^{MAX}\) 225 MA.

TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE PER PLATE\(^{MIN.}\) 75 OHMS

**FULL WAVE RECTIFIER WITH CHOKE INPUT TO FILTER**

AC PLATE VOLTAGE PER PLATE (RMS)\(^{MAX}\) 550 VOLTS

DC OUTPUT CURRENT\(^{MAX}\) 225 MA.

VALUE OF INPUT CHOKE\(^{MIN.}\) 3 HENRY'S

TUBE VOLTAGE DROP AT 225 MA. PER PLATE 50 VOLTS

\(^{A}\) WHEN FILTER CONDENSERS LARGER THAN 40 \(\mu\)FD ARE USED, IT MAY BE NECESSARY TO ADD ADDITIONAL PLATE SUPPLY IMPEDANCE.

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