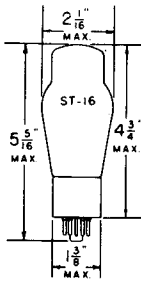


## TUNG-SOL



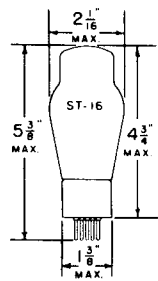
5U4G - MEDIUM 5 PIN OCTAL BASE  
5X4G - MEDIUM 8 PIN OCTAL BASE

FULL WAVE  
HIGH VACUUM RECTIFIER

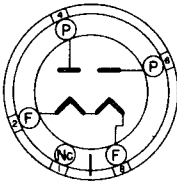
COATED FILAMENT

5.0 VOLTS 3.0 AMPERES  
AC

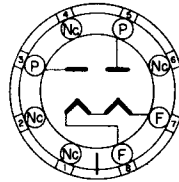
GLASS BULB



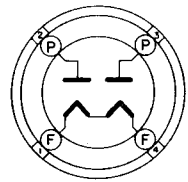
5Z3 - MEDIUM 4 PIN BASE



G-5Ta  
BOTTOM VIEW  
5U4G



G-5Q  
BOTTOM VIEW  
5X4G



4C  
BOTTOM VIEW  
5Z3

THE TUNG-SOL 5U4G, 5X4G AND 5Z3 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) <sup>MAX.</sup>                   | 450 | VOLTS |
| DC OUTPUT CURRENT <sup>MAX.</sup>                                  | 225 | MA.   |
| TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE PER PLATE <sup>MIN. A</sup> | 75  | OHMS  |

## FULL WAVE RECTIFIER WITH CHOKE INPUT TO FILTER

|                                                  |     |        |
|--------------------------------------------------|-----|--------|
| AC PLATE VOLTAGE PER PLATE (RMS) <sup>MAX.</sup> | 550 | VOLTS  |
| DC OUTPUT CURRENT <sup>MAX.</sup>                | 225 | MA.    |
| VALUE OF INPUT CHOKE <sup>MIN.</sup>             | 3   | HENRYS |
| TUBE VOLTAGE DROP<br>AT 225 MA. PER PLATE        | 58  | VOLTS  |

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

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