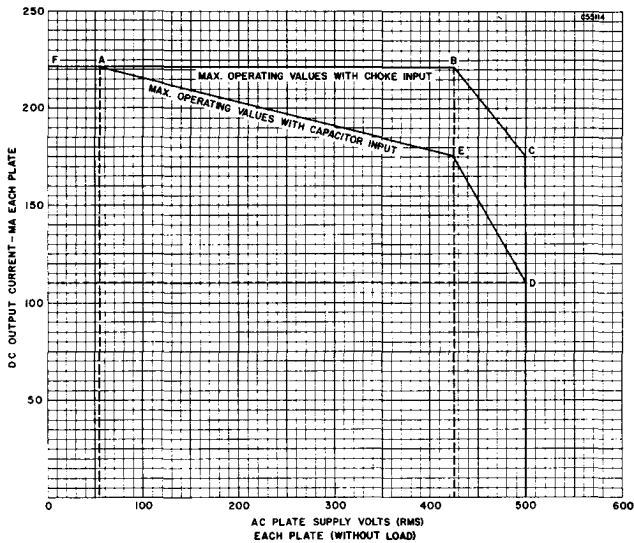


RATING CHART (5V3A)

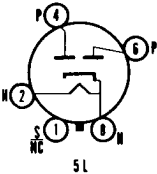


5V4GA

FULL-WAVE POWER RECTIFIER

Heater-Cathode Twin Diode

- Construction Octal T-12
- Base 5 Pin, B5-15
- Basing 5L
- Outline 12-14
- Maximum Diameter 1.563 In.
- Maximum Seated Height 3.313 In.
- Maximum Overall Height 3.875 In.



ELECTRICAL DATA

HEATER OPERATION

- Heater Voltage.....5.0 Volts
- Heater Current.....2000 Ma

RATINGS (Design Maximum Rating System)

Rectifier Service⁽¹⁾

- Peak Inverse Plate Voltage (Max.) 1400 Volts
- Steady State Peak Plate Current (Each Plate) (Max.) 525 Ma
- Transient Peak Plate Current (Each Plate) (Max.) 3500 Ma

CHARACTERISTICS AND TYPICAL OPERATION

Full-Wave Rectifier—Capacitor Input Filter

- AC Plate Supply Voltage (Each Plate RMS)⁽²⁾ 375 Volts
- Filter Input Capacitor.....10 μ f
- Effective Plate Supply Resistance (Each Plate) 100 Ohms
- DC Output Current.....175 Ma
- DC Output Voltage at Filter Input 410 Volts

Full-Wave Rectifier—Choke Input Filter

- AC Plate Supply Voltage (Each Plate RMS)⁽²⁾ 500 Volts
- Filter Input Choke (Min.) 4 Henrys
- DC Output Current.....175 Ma
- DC Output Voltage at Filter Input 410 Volts
- Tube Voltage Drop for $I_b = 175$ Ma (Each Plate) 25 Volts

NOTES:

- (1) For use with sinusoidal supply voltages within the frequency range of 25 to 1000 Hertz.
- (2) AC plate voltage is measured without load.