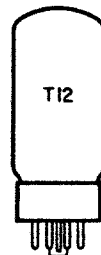
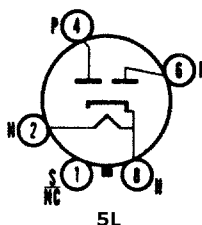


5V4GA

FULL-WAVE POWER RECTIFIER

Heater-Cathode Twin Diode

ConstructionOctal T-12
Base5 Pin, B5-15
Basing5L
Outline12-14
Maximum Diameter1.563 In.
Maximum Seated Height3.313 In.
Maximum Overall Height3.875 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.