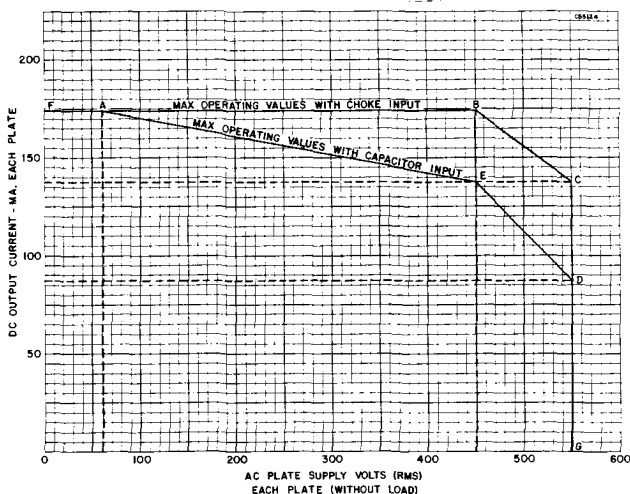


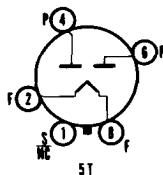
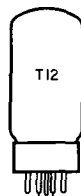
RATING CHART (5U4GB)



Color Television Type

FULL-WAVE POWER RECTIFIER**5V3A****Filamentary Twin Diode**

ConstructionOctal T-12
 BaseB8-110, B5-121 or B8-118
 Basing⁽¹⁾5T
 Outline12-16
 Maximum Diameter1.563 in.
 Maximum Seated Height4.063 in.
 Maximum Overall Height4.625 in.

**ELECTRICAL DATA****FILAMENT OPERATION**

Filament Voltage 5.0 Volts
 Filament Current 3000 Ma

RATINGS (Design Maximum Rating System)**Rectifier Service⁽²⁾**

Peak Inverse Plate Voltage (Max.) 1550 Volts
 AC Plate Supply Voltage (Each Plate RMS) (Max.) 550 Volts
 DC Output Current (Condenser Input) (Max.) 415 Ma
 Steady State Peak Plate Current (Each Plate) (Max.) 1400 Ma
 Transient Peak Plate Current (Each Plate) (Max.) 6600 Ma
 Bulb Temperature at Hottest Point 240 °C

CHARACTERISTICS AND TYPICAL OPERATION**Full-Wave Rectifier—Capacitor Input Filter**

AC Plate Supply Voltage (Each Plate RMS)⁽³⁾ 300 425 Volts
 Filter Input Capacitor 40 40 μ f
 Effective Plate Supply Resistance (Each Plate) 20 50 Ohms
 DC Output Current 380 350 Ma
 DC Output Voltage at Filter Input 300 440 Volts

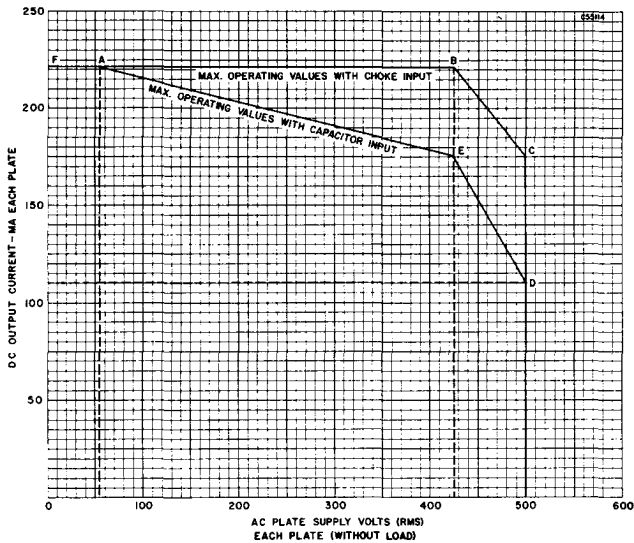
Full-Wave Rectifier—Choke Input Filter

AC Plate Supply Voltage (Each Plate RMS)⁽³⁾ 500 Volts
 Filter Input Choke 10 Henrys
 DC Output Current 350 Ma
 DC Output Voltage at Filter Input 390 Volts
 Tube Voltage Drop for $I_b = 350$ Ma (Each Plate) 42 Volts

NOTES:

- (1) Horizontal operation is permitted if Pins 2 and 4 are in a vertical plane.
- (2) For use with sinusoidal supply voltages within the frequency range of 25 to 1000 Hertz.
- (3) AC plate voltage is measured without load.

RATING CHART (5V3A)

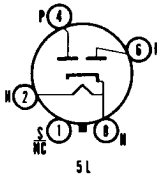


5V4GA

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 Input410 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 Input410 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.