

Full-Wave Vacuum Rectifier

GENERAL DATA

Electrical:

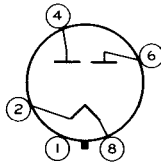
Filament, Coated:

Voltage (AC or DC) 5 volts
 Current 3.7 amp

Mechanical:

Operating Position Any
 Maximum Overall Length 5-3/16"
 Maximum Seated Length 4-5/8"
 Diameter 1.438" to 1.562"
 Bulb T12
 Base Medium-Shell Octal 5-Pin,
 Arrangement 1 (JEDEC Group 1, No. B5-15)
 Basing Designation for BOTTOM VIEW 5T

Pin 1—No Connection
 Pin 2—Filament
 Pin 4—Plate No.2



Pin 6—Plate No.1
 Pin 8—Filament

FULL-WAVE RECTIFIER

Maximum Ratings, Design-Center Values:

PEAK INVERSE PLATE VOLTAGE 1550 max. volts
 AC PLATE SUPPLY VOLTAGE PER PLATE
 (RMS, without load) See Rating Chart
 STEADY-STATE PEAK PLATE CURRENT
 PER PLATE 750 max. ma
 TRANSIENT PEAK PLATE CURRENT PER PLATE
 for duration of 0.2 second maximum 4 max. amp
 DC OUTPUT CURRENT See Rating Chart

Typical Operation:

	With capacitor- input filter	With choke- input filter	
AC Plate-to-Plate Supply Voltage (RMS, without load)	900	1100	volts
Filter-Input Capacitor	10	—	μf
Filter-Input Choke	—	10	henrys
Total Effective Plate Supply Impedance Per Plate	153	—	ohms
DC Output Voltage at input to filter	422	440	volts
DC Output Current	250	250	ma



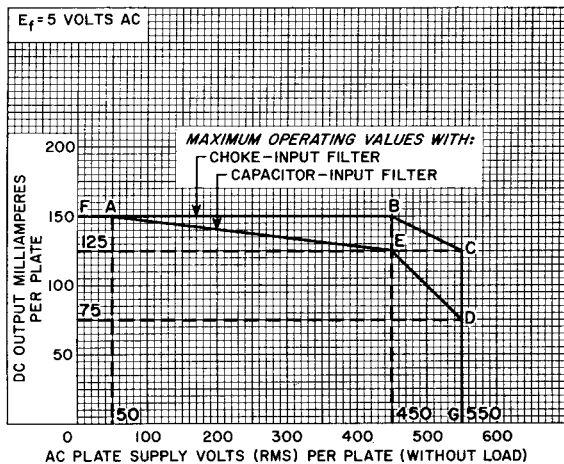
5AW4

Characteristics:

Tube-Voltage Drop for plate ma. = 250

(Per plate). 46 volts

RATING CHART



92CS-11207

