



117Z4-GT

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HALF-WAVE VACUUM RECTIFIER

GENERAL DATA**Electrical:**

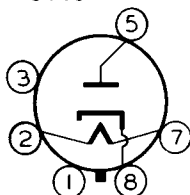
Heater, for Unipotential Cathode:

Voltage. 117 ac or dc volts
 Current. 0.04 amp

Mechanical:

Mounting Position. Any
 Maximum Overall Length 3"
 Maximum Seated Length. 2-7/16"
 Maximum Diameter 1-9/32"
 Bulb T-9
 Base Intermediate-Shell Octal 6-Pin
 Basing Designation for BOTTOM VIEW 5AA

Pin 1—No Connection
 Pin 2—Heater
 Pin 3—No Connection



Pin 5—Plate
 Pin 7—Heater
 Pin 8—Cathode

HALF-WAVE RECTIFIER**Maximum Ratings, Design-Center Values:**

PEAK INVERSE PLATE VOLTAGE 350 max. volts
 PEAK PLATE CURRENT 540 max. ma
 DC OUTPUT CURRENT. 90 max. ma
 PEAK HEATER-CATHODE VOLTAGE:
 Heater negative with respect to cathode 175 max. volts
 Heater positive with respect to cathode 175 max. volts

Typical Operation with Capacitor-Input to Filter:

AC Plate-Supply Voltage (RMS). 117 volts
 Filter-Input Capacitor 40 μ f
 Min. Total Effective Plate-Supply Impedance* 30 ohms
 DC Output Current. 90 ma

* When a filter-input capacitor larger than 40 μ f is used, it may be necessary to use more plate-supply impedance than the minimum value shown to limit the peak plate current to the rated value.