

35Z4-GT



# 35Z4-GT HALF-WAVE VACUUM RECTIFIER

## GENERAL DATA

### Electrical:

Heater, for Unipotential Cathode:

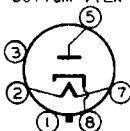
Voltage . . . . . 35 . . . . . ac or dc volts  
Current . . . . . 0.15 . . . . . amp

### Mechanical:

Mounting Position . . . . . Any  
Maximum Overall Length . . . . . 3-5/16"  
Maximum Seated Length . . . . . 2-3/4"  
Maximum Diameter . . . . . 1-5/16"  
Bulb . . . . . T-9  
Base . . . . . Intermediate-Shell Octal 6-Pin  
Basing Designation for BOTTOM VIEW . . . . . G-5AA

Pin 1 - No Connection  
Pin 2 - Heater  
Pin 3 - No Connection

Pin 5 - Plate  
Pin 7 - Heater  
Pin 8 - Cathode



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### Maximum Ratings, Design-Center Values:

PEAK INVERSE PLATE VOLTAGE . . . . . 700 max. volts  
PEAK PLATE CURRENT . . . . . 600 max. ma.  
DC OUTPUT CURRENT . . . . . 100 max. ma.  
PEAK HEATER-CATHODE VOLTAGE:  
Heater negative with respect to cathode . . . . . 350 max. volts  
Heater positive with respect to cathode . . . . . 350 max. volts

### Typical Operation with Capacitor-Input Filter:

AC Plate-Supply Voltage (RMS) . . . . . 117 235 volts  
Min. Total Effective Plate-Supply Imped. <sup>▲</sup> 15 100 ohms  
DC Output Current . . . . . 100 100 ma.

<sup>▲</sup> When a filter-input capacitor larger than 40  $\mu$ 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.

Curves under Type 35Z5-GT also apply to the 35Z4-GT

AVERAGE PLATE CHARACTERISTIC

