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 Diagram](image)

- Pin 1-No Connection
- Pin 2-Heater
- Pin 3-No Connection
- Pin 5-Plate
- Pin 7-Heater
- Pin 8-Cathode

**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 Impedance: 15 100 ohms
- DC Output Current: 100 100 ma.

▲ When a filter-input capacitor larger than 40 μf 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**

AVERAGE PLATE CHARACTERISTIC

![Graph](image)

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TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA