The 10Z10 is a compactron containing a gated-beam discriminator and a beam pentode. The gated-beam discriminator is suitable for FM and TV limiter and discriminator applications, and the beam pentode for audio power output service. Except for heater characteristics and ratings, the 10Z10 is identical to the 6Z10.

**GENERAL**

**ELECTRICAL**
Cathode - Coated Unipotential
Heater Characteristics and Ratings
Heater Voltage, AC or DC* ........................................... 10 Volts
Heater Current* ...................................................... 0.6 ± 0.04 Amperes
Heater Warm-up Time, average* ................................... 11 Seconds

**NOTES**

- Heater voltage for a bogey tube at I = 0.6 amperes.
- The equipment designer should design the equipment so that heater current is centered at the specified bogey value, with heater supply variations restricted to maintain heater current within the specified tolerance.
- The time required for the voltage across the heater to reach 80 percent of the bogey value after applying 4 times the bogey heater voltage to a circuit consisting of the tube heater in series with a resistance equal to 3 times the bogey heater voltage divided by the bogey heater current.

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