A quick heating, argon and mercury vapor, industrial thyratron designed especially for heavy duty ignitor firing applications, and for use in motor speed control and regulated rectifier applications.

**GRID CHARACTERISTIC**

- **FILAMENT characterize** 2.5
- **FILAMENT amperes** 16 + 2
- **FILAMENT heating time (seconds)** 30
- **Typical arc drop at 12 amperes peak (volts)** 12
- **Grid control characteristic** See Curve
- **Maximum negative grid voltage before conduction (volts)** 500
- **Maximum positive grid current during conduction (microamps)** 10
- **Ionization time (approx., microseconds)** 10
- **Deionization time (approx., microseconds)** 1000
- **Anode to grid capacitance (uf)** 3
- **Maximum ac short circuit current (amperes)** 400
- **Approx. temp. rise, cond. mercury above ambient (°C)** 25
- **Mounting position** 1. Vertical, base down
- **Net weight (ounces)** 7
- **Approx. shipping weight (lbs.)** 4

*The tube may be started and satisfactory operation will result between -40 and +80°C. For maximum life the condensed mercury temperature after warm-up should run between +40 and +80°C which corresponds to approximately +15 to +55°C. ambient.

Note: Max. base shell to lead voltage, 1500 v rms.

**ALL DATA ARE BASED ON RETURNS TO FILAMENT TRANSFORMER CENTER TAP**

**OUTLINE DRAWING**

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