TENTATIVE DATA
RAYTHEON TYPE 1248

COLD CATHODE GAS RECTIFIER

The 1248 is a small gaseous cold cathode half wave rectifier tube designed with special insulation features for use where a moderately high voltage is required. Several tubes may be operated in cascade to obtain considerably higher voltage output from less space than heretofore required.

BULB: 7-5 1/2 Glass

BASE: Button 7-Pin (With Center Pin) MOUNTING POSITION: Any

DIMENSIONS

- Maximum Overall Length (Excluding Center Pin) 2 1/8 inches
- Maximum Seated Height 1 7/8 inches
- Seated Height to Bulb Diameter of 7/16" 1 1/2 ± 3/32 inches
- Maximum Diameter 3/4 inches
- Center Pin Diameter 0.046 inches
- Maximum Center Pin Length 11/16 inches

BASEING

- Pin 1 = Cathode
- Pin 2 = Cathode
- Pin 3 = Cathode
- Pin 4 = Starter Anode
- Pin 5 = Cathode
- Pin 6 = Cathode
- Pin 7 = Cathode
- Center Pin = Anode

RATINGS:

- Maximum Peak Inverse Voltage 2700 volts
- Maximum Peak Plate Current 50 ma
- Average D.C. Voltage Drop at 6 ma 100 volts
- Maximum D.C. Output Current 6 ma
- Maximum Peak Plate Voltage 1600 volts
- Minimum Peak A.C. Starting Voltage 800 volts
- Maximum Starter Anode Current 100 µA

* With starter anode connected to anode through a 10 megohm resistor.

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