PHOTONIS USA, INC. Specification

18JUN10 Issue Date: EC No. 10-6360 Rev.: C

Subject: **CEM 4870V TRI** Page 1 of 1 Pages

PHYSICAL CHARACTERISTICS

Mechanical Dimensions Defined by Drawing:

Maximum Vacuum Bake Specification:

(Not Operating)

Operating Temperature Range:

SPECIFICATIONS

8 Hours at 350℃ at 1.0 x 1.0 ⁻⁵ Torr or Lower

P&S: 30140

-50°to 120℃

ELECTRICAL CHARACTERISTICS

Operation:

Maximum Operating Pressure:

Maximum Specified Operating Voltage:

Bias Current @ 3,000 Volts: Resistance (For Reference Only): Minimum Gain @ 3,000 Volts:

Maximum Dark Count @ 3,000 Volts: Maximum Linear Output Current: Maximum Pulse Height Distribution:

SPECIFICATIONS

Pulse Counting

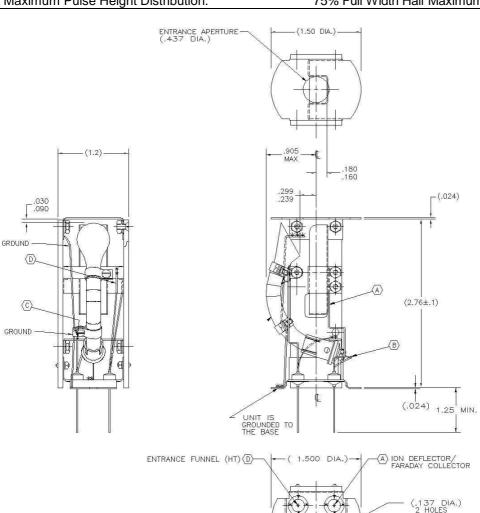
5 x 10⁻⁶ Torr

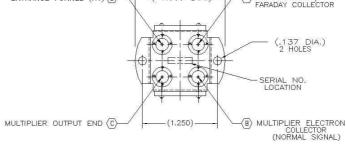
3000 Volts

25 to 45 Microamps 66 to 120 Megohms

1.0 x 10⁸

120 Counts in 60 Seconds 10% of Bias Current (Typical) 75% Full Width Half Maximum





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