



**\*\*NOTES:**  
- DWG NOT TO SCALE INCH (mm)  
- DIMENSIONS ARE NOMINAL

## ELECTRICAL CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (volts)	900
OPERATING VOLTAGE RANGE (volts)	800 - 1000
MAXIMUM DEAD TIME ( $\mu$ s)	150
MAXIMUM PLATEAU SLOPE (%/100 volts)	8
MINIMUM ANODE RESISTOR (M $\Omega$ )	3.3
RECOMMENDED ANODE RESISTOR (M $\Omega$ )	TBD
GAMMA SENSITIVITY Cs <sup>137</sup> (cps/mR/hr)	22
MAX. BACKGROUND SHIELDED 50mmPb+3mmAl (cpm)	9
TUBE CAPACITANCE (pF)	TBD

## MECHANICAL CHARACTERISTICS

NOMINAL ACTIVE LENGTH (inch/mm)	1.40 / 35.6
WINDOW THICKNESS (mg/cm <sup>2</sup> )	1.4 -2, MICA
ACTIVE DIAMETER (inch/mm)	.78 / 19.8
CATHODE MATERIAL	28% Cr, 72% Fe
CATHODE WALL THICKNESS (inch/mm)	-
OPERATING TEMPERATURE RANGE ( °C)	-40 to 60
FILL GAS	Ne + HALOGEN
TYPE OF CONNECTOR	BNC
APPROX. WEIGHT (grams)	30
MAXIMUM ALTITUDE (ft)	7000

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