



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

## ELECTRICAL CHARACTERISTICS

MAXIMUM STARTING VOLTAGE	800
RECOMMENDED OPERATING VOLTAGE (volts)	900
OPERATING VOLTAGE RANGE (volts)	850 - 1050
MAXIMUM DEAD TIME ( $\mu$ s)	100
MAXIMUM PLATEAU SLOPE (%/100 volts)	5
MINIMUM ANODE RESISTOR (M $\Omega$ )	3.3
RECOMMENDED ANODE RESISTOR (M $\Omega$ )	5
GAMMA SENSITIVITY Cs <sup>137</sup> (cps/mR/hr)	167
MAX. BACKGROUND SHIELDED 50mmPb+3mmAl (cpm)	30
TUBE CAPACITANCE (pF)	10

## MECHANICAL CHARACTERISTICS

NOMINAL ACTIVE LENGTH (inch/mm)	8.95 / 227.3
WINDOW THICKNESS (mg/cm <sup>2</sup> )	N/A
ACTIVE DIAMETER (inch/mm)	.61 / 15.5
CATHODE MATERIAL	Cr - Fe
CATHODE WALL THICKNESS (inch/mm)	.010 / .25
OPERATING TEMPERATURE RANGE ( °C)	-55 TO 150 °C
FILL GAS	Ne/Ar + Halogen
TYPE OF CONNECTOR	Cannon
APPROX. WEIGHT (grams)	60
MAXIMUM ALTITUDE (ft)	N/A

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