



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

ELECTRICAL CHARACTERISTICS

MAXIMUM STARTING VOLTAGE	450
RECOMMENDED OPERATING VOLTAGE (volts)	500
OPERATING VOLTAGE RANGE (volts)	450-600
MAXIMUM DEAD TIME (μ s)	100
MAXIMUM PLATEAU SLOPE (%/100 volts)	10
MINIMUM ANODE RESISTOR (M Ω)	3.3
RECOMMENDED ANODE RESISTOR (M Ω)	3.3
GAMMA SENSITIVITY Cs ¹³⁷ (cps/mR/hr)	60
MAX. BACKGROUND SHIELDED 50mmPb+3mmAl (cpm)	30
TUBE CAPACITANCE (pF)	8

MECHANICAL CHARACTERISTICS

NOMINAL ACTIVE LENGTH (inch/mm)	.42 / 10.7
WINDOW THICKNESS (mg/cm ²)	1.4 - 2.2 , Mica
ACTIVE DIAMETER (inch/mm)	1.75 / 44.5
CATHODE MATERIAL	Cr - Fe
CATHODE WALL THICKNESS (inch/mm)	0.18 / 4.6
OPERATING TEMPERATURE RANGE (°C)	-55 to 75 °C
FILL GAS	Ne/Ar + Halogen
TYPE OF CONNECTOR	Post
APPROX. WEIGHT (grams)	114
MAXIMUM ALTITUDE (ft)	5000

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