



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

## ELECTRICAL CHARACTERISTICS

MAXIMUM STARTING VOLTAGE	750
RECOMMENDED OPERATING VOLTAGE (volts)	900
OPERATING VOLTAGE RANGE (volts)	850 - 1000
MAXIMUM DEAD TIME ( $\mu$ s)	100
MAXIMUM PLATEAU SLOPE (%/100 volts)	10
MINIMUM ANODE RESISTOR (M $\Omega$ )	3.3
RECOMMENDED ANODE RESISTOR (M $\Omega$ )	3.3
GAMMA SENSITIVITY Cs <sup>137</sup> (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 <sup>2</sup> )	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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