

72120

Thin wall beta-gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	5.0/127.0
MAXIMUM DIAMETER (INCH/MM)	1.35/34.3
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	2.44/61.9
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.57/14.48
CONNECTOR	8 Pin Octal Base
OPERATING TEMPERATURE RANGE °C	-40 to +75

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	3.3
OPERATING VOLTAGE RANGE (VOLTS)	450 - 650

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	10
MINIMUM DEAD TIME (MICRO SEC)	50
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	30
TUBE CAPACITANCE (PF)	4
WEIGHT (GRAMS)	30
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	50
MAXIMUM STARTING VOLTAGE (VOLTS)	400

WALL SPECIFICATIONS

THICKNESS (INCH/MM)	0.003/0.076
AREAL DENSITY (MG/CM ²)	40-60





