

71320

Thin wall beta-gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	1.85/47.0
MAXIMUM DIAMETER (INCH/MM)	0.36/9.3
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	1.10/27.9
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.306/7.77
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-10 to +75

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	4.7
OPERATING VOLTAGE RANGE (VOLTS)	450 - 650

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	8
MINIMUM DEAD TIME (MICRO SEC)	45
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	7.5
TUBE CAPACITANCE (PF)	3
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	4
MAXIMUM STARTING VOLTAGE (VOLTS)	400
MINIMUM ANODE RESISTOR (MEG OHM)	2.2

WALL SPECIFICATIONS

THICKNESS (INCH/MM)	0.002/0.05
AREAL DENSITY (MG/CM ²)	30





