

71627

Thin wall beta-gamma detector



GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	6.1/154.0
MAXIMUM DIAMETER (INCH/MM)	0.63/16.0
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	0.25/6.35
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.19/4.82
CONNECTOR	Jedec A3-1
OPERATING TEMPERATURE RANGE °C	-10 to +75

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	10
OPERATING VOLTAGE RANGE (VOLTS)	450 - 600
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	30
MINIMUM DEAD TIME (MICRO SEC)	18
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	0.26
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	23
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	1
MAXIMUM STARTING VOLTAGE (VOLTS)	400
MINIMUM ANODE RESISTOR (MEG OHM)	2.2

WALL SPECIFICATIONS

THICKNESS (INCH/MM)	0.01/0.25
AREAL DENSITY (MG/CM ²)	90









