

72238

End window-alpha-beta-gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	3.50/88.9
MAXIMUM DIAMETER (INCH/MM)	1.0/25.4
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	1.46/37.1
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.78/19.9
CONNECTOR	BNC
OPERATING TEMPERATURE RANGE °C	-40 to +75

WINDOW SPECIFICATIONS

MATERIAL	Mica
EFFECTIVE DIAMETER (INCH/MM)	0.78/19.9
AREAL DENSITY (MG/CM²)	2.0

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	1
OPERATING VOLTAGE RANGE (VOLTS)	450 - 700
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	5
MINIMUM DEAD TIME (MICRO SEC)	160
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	32
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	34
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	15
MAXIMUM STARTING VOLTAGE (VOLTS)	350



