

72219

End window-alpha-beta-gamma-xray detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.94/125.5
MAXIMUM DIAMETER (INCH/MM)	1.0/25.4
GAS FILLING	Ar + Halogen
EFFECTIVE LENGTH (INCH/MM)	4.47/113.5
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.78/19.8
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-55 to +75

WINDOW SPECIFICATIONS

MATERIAL	Mica
EFFECTIVE DIAMETER (INCH/MM)	0.78/19.8
AREAL DENSITY (MG/CM ²)	2.5

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1600
RECOMMENDED ANODE RESISTOR (MEG OHM)	4.7
OPERATING VOLTAGE RANGE (VOLTS)	1500 - 1800
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	10
MINIMUM DEAD TIME (MICRO SEC)	100
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	45
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	75
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	45
MAXIMUM STARTING VOLTAGE (VOLTS)	1450
MINIMUM ANODE RESISTOR (MEG OHM)	3.3







