

71014

End window-alpha-beta-gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	1.41/35.9
MAXIMUM DIAMETER (INCH/MM)	0.34/8.7
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	0.165/4.19
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.25/6.4
CONNECTOR	Grid Cap
OPERATING TEMPERATURE RANGE °C	-40 to +75

WINDOW SPECIFICATIONS

MATERIAL	Mica
EFFECTIVE DIAMETER (INCH/MM)	0.25/6.4
AREAL DENSITY (MG/CM²)	1.5/2.0

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	10
OPERATING VOLTAGE RANGE (VOLTS)	450 - 600
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	15
MINIMUM DEAD TIME (MICRO SEC)	25
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	0.5
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	6
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	5
MAXIMUM STARTING VOLTAGE (VOLTS)	400



