

7124

End window-alpha-beta-gamma detector



GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	1.94/49.2
MAXIMUM DIAMETER (INCH/MM)	0.59/15.1
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	1.5/38.1
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.36/9.1
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-10 to +75

WINDOW SPECIFICATIONS

MATERIAL	Mica
EFFECTIVE DIAMETER (INCH/MM)	0.36/9.1
AREAL DENSITY (MG/CM²)	2.0 - 3.0

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	10
OPERATING VOLTAGE RANGE (VOLTS)	450 - 650
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	6
MINIMUM DEAD TIME (MICRO SEC)	90
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	18
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	8
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	10
MAXIMUM STARTING VOLTAGE (VOLTS)	325