

72344

End window alpha-beta-gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	0.89/22.6
MAXIMUM DIAMETER (INCH/MM)	1.31/33.3
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	0.48/12.2
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	1.13/28.6
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-40 to +75

WINDOW SPECIFICATIONS

MATERIAL	Mica
EFFECTIVE DIAMETER (INCH/MM)	1.13/28.6
AREAL DENSITY (MG/CM²)	1.4 - 2.0

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	575
RECOMMENDED ANODE RESISTOR (MEG OHM)	4.7
OPERATING VOLTAGE RANGE (VOLTS)	450 - 700
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	7
MINIMUM DEAD TIME (MICRO SEC)	55
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	25
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	30
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	18
MAXIMUM STARTING VOLTAGE (VOLTS)	375



