

72216

End window-alpha-beta-gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	2.64/67.1
MAXIMUM DIAMETER (INCH/MM)	1.38/34.9
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	1.02/26.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.94/24.0
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-40 to +75

WINDOW SPECIFICATIONS

MATERIAL	Mica
EFFECTIVE DIAMETER (INCH/MM)	0.94/24.0
AREAL DENSITY (MG/CM²)	2.0

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	3.3
OPERATING VOLTAGE RANGE (VOLTS)	450 - 700
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	10
MINIMUM DEAD TIME (MICRO SEC)	70
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	30
TUBE CAPACITANCE (PF)	5
WEIGHT (GRAMS)	60
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	25
MAXIMUM STARTING VOLTAGE (VOLTS)	400
MINIMUM ANODE RESISTOR (MEG OHM)	2.7







