

715

Mica 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)	0.33/8.33
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.14/3.5
CONNECTOR	Grid Cap
OPERATING TEMPERATURE RANGE °C	-40 to +75

WINDOW SPECIFICATIONS

MATERIAL	Mica
EFFECTIVE DIAMETER (INCH/MM)	0.14/3.5
AREAL DENSITY (MG/CM ²)	1.8 - 2.2

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	550
RECOMMENDED ANODE RESISTOR (MEG OHM)	4.7
OPERATING VOLTAGE RANGE (VOLTS)	450 - 650
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	20
MINIMUM DEAD TIME (MICRO SEC)	30
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	0.5
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	6
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	3
MAXIMUM STARTING VOLTAGE (VOLTS)	400









