

431

Mica window alpha- beta – gamma proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	2.94/74.7
MAXIMUM DIAMETER (INCH/MM)	2.11/53.6
GAS FILLING	Argon
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	1.75/44.45
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-30 to +75
GAS PRESSURE (TORR)	600
PATH LENGTH (INCH/MM)	0.49/12.45

WINDOW SPECIFICATIONS

MATERIAL	Mica
AREAL DENSITY (MG/CM²)	2.0 - 2.2

DIAMETER (INCH/MM)	1.75/44.45
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ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1000/1350
OPERATING VOLTAGE RANGE (VOLTS)	1000 - 1600
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	64
CAPACITANCE (PF)	3

