

4561

Beryllium side window proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	3.74/95.0
MAXIMUM DIAMETER (INCH/MM)	1.18/30.0
GAS FILLING	Xenon
EFFECTIVE LENGTH (INCH/MM)	2.31/58.7
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
EFFECTIVE DIAMETER (INCH/MM)	0.78/19.8
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-40 to +75
GAS PRESSURE (TORR)	800
PATH LENGTH (INCH/MM)	0.78/19.8

WINDOW SPECIFICATIONS

MATERIAL	Beryllium
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THICKNESS (INCH/MM)	0.002/0.05
AREAL DENSITY (MG/CM ²)	9.2
DIMENSIONS (INCH/MM)	0.79 x 0.51/20.0 x 12.9

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1850
OPERATING VOLTAGE RANGE (VOLTS)	1750 - 2000
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	18



