

4542

Beryllium end window proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	7.5/190.5
MAXIMUM DIAMETER (INCH/MM)	1.09/27.69
GAS FILLING	Xenon
EFFECTIVE LENGTH (INCH/MM)	5.75/146.05
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
EFFECTIVE DIAMETER (INCH/MM)	0.88/22.35
CONNECTOR	MHV
OPERATING TEMPERATURE RANGE °C	-40 to +75
GAS PRESSURE (TORR)	760
PATH LENGTH (INCH/MM)	5.75/146.05

WINDOW SPECIFICATIONS

MATERIAL	Beryllium
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THICKNESS (INCH/MM)	0.01/0.25
AREAL DENSITY (MG/CM ²)	46
DIAMETER (INCH/MM)	0.88/22.4

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1700
OPERATING VOLTAGE RANGE (VOLTS)	1600 - 1850
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM CD109)	10



