

454117

Beryllium side window proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	8.01/203.5
MAXIMUM DIAMETER (INCH/MM)	2.00/50.8
GAS FILLING	Xenon
EFFECTIVE LENGTH (INCH/MM)	5.58/141.7
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
EFFECTIVE DIAMETER (INCH/MM)	1.88/47.8
CONNECTOR	MHV
OPERATING TEMPERATURE RANGE °C	-40 to +75
GAS PRESSURE (TORR)	800
PATH LENGTH (INCH/MM)	1.88/47.8

WINDOW SPECIFICATIONS

MATERIAL	Beryllium
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THICKNESS (INCH/MM)	0.005/0.127
AREAL DENSITY (MG/CM²)	23
DIMENSIONS (INCH/MM)	1.0 x 3.0/25.4 x 76.2

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1950
OPERATING VOLTAGE RANGE (VOLTS)	1850 - 2100
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM CD109)	10

