

45685

Beryllium side window proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.71/119.6
MAXIMUM DIAMETER (INCH/MM)	1.0/25.4
GAS FILLING	Xenon
EFFECTIVE LENGTH (INCH/MM)	2.66/67.5
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
EFFECTIVE DIAMETER (INCH/MM)	0.87/22.1
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-40 to +75
GAS PRESSURE (TORR)	800
PATH LENGTH (INCH/MM)	0.87/22.1

WINDOW SPECIFICATIONS

MATERIAL	Beryllium
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THICKNESS (INCH/MM)	0.005/0.127
AREAL DENSITY (MG/CM ²)	23.5
DIAMETER (INCH/MM)	0.5/12.7

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1800
OPERATING VOLTAGE RANGE (VOLTS)	1700 - 1950
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	18

