

45140

Beryllium side window proportional counter



GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	7.02/178.4
MAXIMUM DIAMETER (INCH/MM)	2.0/50.8
GAS FILLING	Neon / Argon
EFFECTIVE LENGTH (INCH/MM)	4.5/114.3
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
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WINDOW SPECIFICATIONS

MATERIAL	Beryllium
THICKNESS (INCH/MM)	0.001 / 0.025
AREAL DENSITY (MG/CM ²)	4.6
DIAMETER (INCH/MM)	0.75/19.1

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	650
OPERATING VOLTAGE RANGE (VOLTS)	500 - 850
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	12 - 14



