

45670

Beryllium side window proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.56/115.8
MAXIMUM DIAMETER (INCH/MM)	1.0/25.4
GAS FILLING	Neon
EFFECTIVE LENGTH (INCH/MM)	2.66/67.5
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
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)	0.38 x 1.0/9.5 x 25.4

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1450
OPERATING VOLTAGE RANGE (VOLTS)	1350 - 1600
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	20

