

45445

Beryllium end window proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	5.25/133.4
MAXIMUM DIAMETER (INCH/MM)	1.25/31.8
GAS FILLING	Neon
EFFECTIVE LENGTH (INCH/MM)	3.94/100
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
EFFECTIVE DIAMETER (INCH/MM)	0.90/22.8
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-40 to +75
GAS PRESSURE (TORR)	900
PATH LENGTH (INCH/MM)	3.94/100.08

WINDOW SPECIFICATIONS

MATERIAL	Beryllium
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THICKNESS (INCH/MM)	0.001/0.025
AREAL DENSITY (MG/CM ²)	4.6
DIMENSIONS (INCH/MM)	0.25 x 0.90/6.35 x 22.9

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1600
OPERATING VOLTAGE RANGE (VOLTS)	1500 - 1750
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	20

