

421

Quadrilateral side window proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	3.81/96.77
GAS FILLING	Argon
EFFECTIVE LENGTH (INCH/MM)	1.5/38.1
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
CONNECTOR	MHV
OPERATING TEMPERATURE RANGE °C	-40 to +75
MAXIMUM WIDTH (INCH/MM)	0.75/19.05
GAS PRESSURE (TORR)	800
EFFECTIVE WIDTH (INCH/MM)	0.5/12.7
PATH LENGTH (INCH/MM)	0.5/12.7

WINDOW SPECIFICATIONS

MATERIAL	Beryllium
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THICKNESS (INCH/MM)	0.002/0.05
AREAL DENSITY (MG/CM ²)	9.2
DIAMETER (INCH/MM)	0.5/12.7

ELECTRICAL SPECIFICATIONS

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



