

42514

Quadrilateral side window proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	7.4/187.96
GAS FILLING	Neon
EFFECTIVE LENGTH (INCH/MM)	4.63/117.6
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
CONNECTOR	MHV
OPERATING TEMPERATURE RANGE °C	-40 to +75
MAXIMUM WIDTH (INCH/MM)	2.0/50.8
GAS PRESSURE (TORR)	800
EFFECTIVE WIDTH (INCH/MM)	1.75/44.45
PATH LENGTH (INCH/MM)	1.75/44.45

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)	2.0 x 1.7/50.8 x 43.9

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1100
OPERATING VOLTAGE RANGE (VOLTS)	1000 - 1250
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	18

