

45647

Quadrilateral side window proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.0/101.6
GAS FILLING	Krypton
EFFECTIVE LENGTH (INCH/MM)	1.968/50.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-40 to +75
MAXIMUM WIDTH (INCH/MM)	1.38/35.0
GAS PRESSURE (TORR)	800
EFFECTIVE WIDTH (INCH/MM)	0.984/25.0
PATH LENGTH (INCH/MM)	1.12/28.4

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)	0.98 x 1.97/25.0 x 50.0

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	2000
OPERATING VOLTAGE RANGE (VOLTS)	1900 - 2150
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	19



