

4543

Aluminum side window proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	7.31/185.67
MAXIMUM DIAMETER (INCH/MM)	2.0/50.8
GAS FILLING	Krypton
EFFECTIVE LENGTH (INCH/MM)	4.5/114.3
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
EFFECTIVE DIAMETER (INCH/MM)	1.88/47.8
CONNECTOR	MHV
OPERATING TEMPERATURE RANGE °C	-40 to +75
GAS PRESSURE (TORR)	800
PATH LENGTH (INCH/MM)	1.88/47.8

WINDOW SPECIFICATIONS

MATERIAL	Aluminum
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THICKNESS (INCH/MM)	0.005/0.13
AREAL DENSITY (MG/CM ²)	46
DIAMETER (INCH/MM)	1.0/25.4

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1750
OPERATING VOLTAGE RANGE (VOLTS)	1650 - 1900
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM CD109)	10

