

45694

Beryllium side window proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.56/115.8
MAXIMUM DIAMETER (INCH/MM)	1.0/25.4
GAS FILLING	Argon
EFFECTIVE LENGTH (INCH/MM)	2.66/67.5
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.78/19.8
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-40 to +75
GAS PRESSURE (TORR)	800
PATH LENGTH (INCH/MM)	0.78/19.8

WINDOW SPECIFICATIONS

MATERIAL	Beryllium
-----------------	-----------

THICKNESS (INCH/MM)	.001/.025
AREAL DENSITY (MG/CM ²)	4.6
DIMENSIONS (INCH/MM)	0.38 x 1.0/9.5 x 25.4

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1650
OPERATING VOLTAGE RANGE (VOLTS)	1550 - 1800
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	20



