

# 4568

Beryllium window proportional counter

## GENERAL SPECIFICATIONS

<b>MAXIMUM LENGTH (INCH/MM)</b>	5.7/144.7
<b>GAS FILLING</b>	Xenon
<b>CATHODE MATERIAL (INTERNAL/EXTERNAL)</b>	Aluminum
<b>CONNECTOR</b>	Pin
<b>OPERATING TEMPERATURE RANGE °C</b>	-40 to +75
<b>MAXIMUM WIDTH (INCH/MM)</b>	1.65/42.0
<b>MAXIMUM DEPTH (INCH/MM)</b>	2.24/57.0
<b>GAS PRESSURE (TORR)</b>	800
<b>PATH LENGTH (INCH/MM)</b>	1.14/28.98

## WINDOW SPECIFICATIONS

<b>MATERIAL</b>	Beryllium
<b>THICKNESS (INCH/MM)</b>	0.002/0.05

<b>AREAL DENSITY (MG/CM<sup>2</sup>)</b>	9.2
<b>DIMENSIONS (INCH/MM)</b>	0.43 x 0.79/10.9 x 20.0

## ELECTRICAL SPECIFICATIONS

<b>RECOMMENDED OPERATING VOLTAGE (VOLTS)</b>	1900
<b>OPERATING VOLTAGE RANGE (VOLTS)</b>	1800 - 2050
<b>CAPACITANCE (PF)</b>	3
<b>TYPICAL RESOLUTION (FWHM FE55)</b>	17



