

# 42839

Quadrilateral side window proportional counter

## GENERAL SPECIFICATIONS

<b>MAXIMUM LENGTH (INCH/MM)</b>	2.5/63.5
<b>GAS FILLING</b>	Xenon
<b>EFFECTIVE LENGTH (INCH/MM)</b>	1.5/38.1
<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>	1.25/31.75
<b>GAS PRESSURE (TORR)</b>	1140
<b>EFFECTIVE WIDTH (INCH/MM)</b>	1.0/25.4
<b>PATH LENGTH (INCH/MM)</b>	1.0/25.4

## WINDOW SPECIFICATIONS

<b>MATERIAL</b>	Beryllium
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THICKNESS (INCH/MM)	0.002/0.05
AREAL DENSITY (MG/CM <sup>2</sup> )	9.2
DIMENSIONS (INCH/MM)	1.0 x 1.0/25.4 x 25.4

## ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1950
OPERATING VOLTAGE RANGE (VOLTS)	1850 - 2100
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	20



