

# 4314

Mica window alpha- beta – gamma  
proportional counter



## GENERAL SPECIFICATIONS

<b>MAXIMUM LENGTH (INCH/MM)</b>	3.86/98.0
<b>MAXIMUM DIAMETER (INCH/MM)</b>	3.0/76.2
<b>GAS FILLING</b>	Argon
<b>CATHODE MATERIAL (INTERNAL/EXTERNAL)</b>	Stainless Steel
<b>EFFECTIVE DIAMETER (INCH/MM)</b>	2.25/57.1
<b>CONNECTOR</b>	Pin
<b>OPERATING TEMPERATURE RANGE °C</b>	0 to +75
<b>GAS PRESSURE (TORR)</b>	600

<b>PATH LENGTH (INCH/MM)</b>	0.50/12.7
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## WINDOW SPECIFICATIONS

<b>MATERIAL</b>	Mica
<b>AREAL DENSITY (MG/CM<sup>2</sup>)</b>	1.9 - 2.0
<b>DIAMETER (INCH/MM)</b>	2.25/57.1

## ELECTRICAL SPECIFICATIONS

<b>RECOMMENDED OPERATING VOLTAGE (VOLTS)</b>	1000/1350
<b>OPERATING VOLTAGE RANGE (VOLTS)</b>	1000 - 1450
<b>GAMMA SENSITIVITY CO60 (CPS/mR/HR)</b>	64
<b>CAPACITANCE (PF)</b>	3





