



### 45697 Mica Side Window Proportional Counter

#### GENERAL SPECIFICATIONS

Gas filling	Xenon
Gas pressure (torr)	400
Path length (inch/mm)	0.78/19.8
Cathode material	Stainless Steel
Maximum length (inch/mm)	3.7/94.0
Effective length (inch/mm)	2.2/56.0
Maximum diameter (inch/mm)	1.0/25.4
Effective diameter (inch/mm)	0.78/19.8
Connector	Pin
Operating temperature range °C	-40 to +75

#### WINDOW SPECIFICATIONS

Material	Mica
Areal density (mg/cm <sup>2</sup> )	2.0 - 2.5
Dimensions (inch/mm)	0.28 x 0.71/7.0 x 18.0

#### ELECTRICAL SPECIFICATIONS

Recommended operating voltage (volts)	1600
Operating voltage range (volts)	1500 - 1800
Typical resolution (fwhm Fe55)	18
Capacitance (pf)	3

