

49741

Large area -beta- gamma proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	8.33/211.6
GAS FILLING	Xenon
EFFECTIVE LENGTH (INCH/MM)	6.54/166.1
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	0 to +50
MAXIMUM WIDTH (INCH/MM)	4.69/119.1
GAS PRESSURE (TORR)	800
EFFECTIVE WIDTH (INCH/MM)	4.08/103.7
PATH LENGTH (INCH/MM)	0.50/12.7

WINDOW SPECIFICATIONS

MATERIAL	Aluminum
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THICKNESS (INCH/MM)	0.00047/0.012
AREAL DENSITY (MG/CM ²)	3.0
EFFECTIVE AREA (CM ²)	115

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1450
OPERATING VOLTAGE RANGE (VOLTS)	1350 - 1600
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	600
MINIMUM COUNTING LIFE (COUNTS)	1.0E12
PLATEAU SLOPE (%/100 VOLTS)	2

