

49728

1036 cm² beta-gamma proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	17.02/432.3
GAS FILLING	Xenon
EFFECTIVE LENGTH (INCH/MM)	14.51/368.5
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
CONNECTOR	MHV
OPERATING TEMPERATURE RANGE °C	0 to +50
MAXIMUM WIDTH (INCH/MM)	11.73/298.0
GAS PRESSURE (TORR)	800
EFFECTIVE WIDTH (INCH/MM)	11.08/281.3
PATH LENGTH (INCH/MM)	0.50/12.7

WINDOW SPECIFICATIONS

MATERIAL	Titanium
-----------------	----------

THICKNESS (INCH/MM)	0.00047/0.012
AREAL DENSITY (MG/CM ²)	5.0
EFFECTIVE AREA (CM ²)	1036

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1450
OPERATING VOLTAGE RANGE (VOLTS)	1350 - 1600
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	3000
CAPACITANCE (PF)	6
TYPICAL RESOLUTION (FWHM FE55)	16
MINIMUM COUNTING LIFE (COUNTS)	1.0E12
PLATEAU SLOPE (%/100 VOLTS)	3

