

72514

Thin wall beta-gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	8.0/203.2
MAXIMUM DIAMETER (INCH/MM)	1.35/34.3
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	5.5/140.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.73/18.5
CONNECTOR	8 Pin Octal Base
OPERATING TEMPERATURE RANGE °C	-40 to +75

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	675
RECOMMENDED ANODE RESISTOR (MEG OHM)	3.3
OPERATING VOLTAGE RANGE (VOLTS)	600 - 800

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	6
MINIMUM DEAD TIME (MICRO SEC)	50
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	90
TUBE CAPACITANCE (PF)	4
WEIGHT (GRAMS)	35
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	65
MAXIMUM STARTING VOLTAGE (VOLTS)	500
MINIMUM ANODE RESISTOR (MEG OHM)	2.2

WALL SPECIFICATIONS

THICKNESS (INCH/MM)	0.003/0.076
AREAL DENSITY (MG/CM²)	40-60







