

72118

Thin wall beta-gamma detector



GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	5.1/129.5
MAXIMUM DIAMETER (INCH/MM)	0.63/16.0
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	3.74/94.2
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.61/15.5
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-55 to +75

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	3.3
OPERATING VOLTAGE RANGE (VOLTS)	450 - 700
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	8
MINIMUM DEAD TIME (MICRO SEC)	70
GAMMA SENSITIVITY C060 (CPS/mR/HR)	45
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	20
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	30
MAXIMUM STARTING VOLTAGE (VOLTS)	400
MINIMUM ANODE RESISTOR (MEG OHM)	2.2

WALL SPECIFICATIONS

THICKNESS (INCH/MM)	0.003/0.076
AREAL DENSITY (MG/CM ²)	40-60









