

7192

Thin wall beta-gamma detector

GENERAL SPECIFICATIONS

GAS FILLING	Ne +Halogen
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
MAXIMUM LENGTH (INCH/MM)	10.25/260.4
EFFECTIVE LENGTH (INCH/MM)	9.0/228.6
MAXIMUM DIAMETER (INCH/MM)	0.63/16.0
EFFECTIVE DIAMETER (INCH/MM)	0.61/15.5
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-40 to +75

ELECTRICAL SPECIFICATIONS

RECOMMENDED ANODE RESISTOR (MEG OHM)	1
RECOMMENDED OPERATING VOLTAGE (VOLTS)	900
OPERATING VOLTAGE RANGE (VOLTS)	850-1000

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	10
MINIMUM DEAD TIME (MICRO SEC)	100
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	90
TUBE CAPACITANCE (PF)	4
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	75
MAXIMUM STARTING VOLTAGE (VOLTS)	800

WALL SPECIFICATIONS

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

