

74325

High temperature gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.88/123.8
MAXIMUM DIAMETER (INCH/MM)	0.63/16.0
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	3.68/93.7
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.61/15.5
CONNECTOR	Flying Lead
OPERATING TEMPERATURE RANGE °C	-40 to +100

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	3.3
OPERATING VOLTAGE RANGE (VOLTS)	450 - 650

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	10
MINIMUM DEAD TIME (MICRO SEC)	75
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	38
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	24
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	50
MAXIMUM STARTING VOLTAGE (VOLTS)	400



