

7802

High temperature gamma detector



GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	13.79/350.3
MAXIMUM DIAMETER (INCH/MM)	0.81/20.6
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	12.0/304.8
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.786/20.0
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-55 to +100

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	900
RECOMMENDED ANODE RESISTOR (MEG OHM)	1
OPERATING VOLTAGE RANGE (VOLTS)	850-1000
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	10
MINIMUM DEAD TIME (MICRO SEC)	100
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	180
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	150
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	100
MAXIMUM STARTING VOLTAGE (VOLTS)	800





