

7808

Gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	13.59/345.2
MAXIMUM DIAMETER (INCH/MM)	0.81/20.6
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	11.75/298.5
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.786/20.0
CONNECTOR	Grid Cap
OPERATING TEMPERATURE RANGE °C	-40 to +100

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	900
RECOMMENDED ANODE RESISTOR (MEG OHM)	3.3
OPERATING VOLTAGE RANGE (VOLTS)	850-1000

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	10
MINIMUM DEAD TIME (MICRO SEC)	150
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	180
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	150
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	85
MAXIMUM STARTING VOLTAGE (VOLTS)	800



