

740501

High temperature platinum plated gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	3.93/99.8
MAXIMUM DIAMETER (INCH/MM)	0.29/7.4
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	2.0/50.8
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.25/6.4
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-40 to +150

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	700
RECOMMENDED ANODE RESISTOR (MEG OHM)	4.7
OPERATING VOLTAGE RANGE (VOLTS)	650 - 800

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	10
MINIMUM DEAD TIME (MICRO SEC)	65
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	20
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	20
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	25
MAXIMUM STARTING VOLTAGE (VOLTS)	620



