

Thin wall beta-gamma detector Type- LND-72118**GENERAL SPECIFICATIONS**

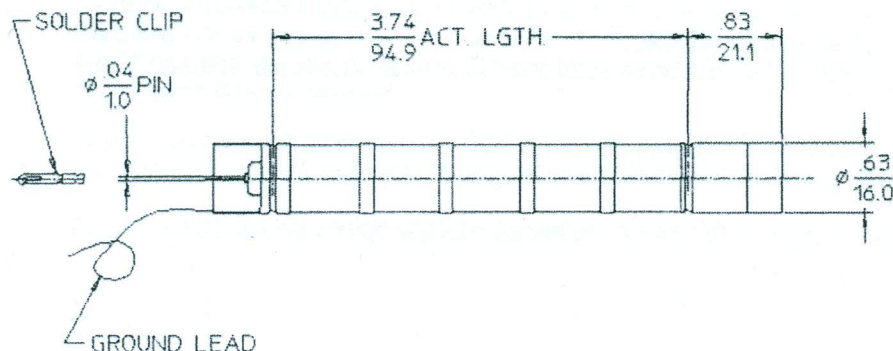
MAXIMUM LENGTH (INCH/MM):	5.1/129.5
MAXIMUM DIAMETER (INCH/MM):	0.63/16.0
GAS FILLING:	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM):	3.74/94.2
CATHODE MATERIAL (INTERNAL/EXTERNAL):	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM):	0.61/15.5
CONNECTOR:	Pin
OPERATING TEMPERATURE RANGE °C:	-55 to +75

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS):	500
RECOMMENDED ANODE RESISTOR (MEG OHM):	3.3
OPERATING VOLTAGE RANGE (VOLTS):	450 - 700
MAXIMUM PLATEAU SLOPE (%/100 VOLTS):	08
MINIMUM DEAD TIME (MICRO SEC):	70
GAMMA SENSITIVITY CO60 (CPS/MR/HR):	45
TUBE CAPACITANCE (PF):	03
WEIGHT (GRAMS):	20
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM):	30
MAXIMUM STARTING VOLTAGE (VOLTS):	400
MINIMUM ANODE RESISTOR (MEG OHM):	2.2

WALL SPECIFICATIONS

THICKNESS (INCH/MM):	0.003/0.076
AREAL DENSITY (MG/CM ²):	40-60



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