

72118 Thin Wall Beta-Gamma Detector***GENERAL SPECIFICATIONS***

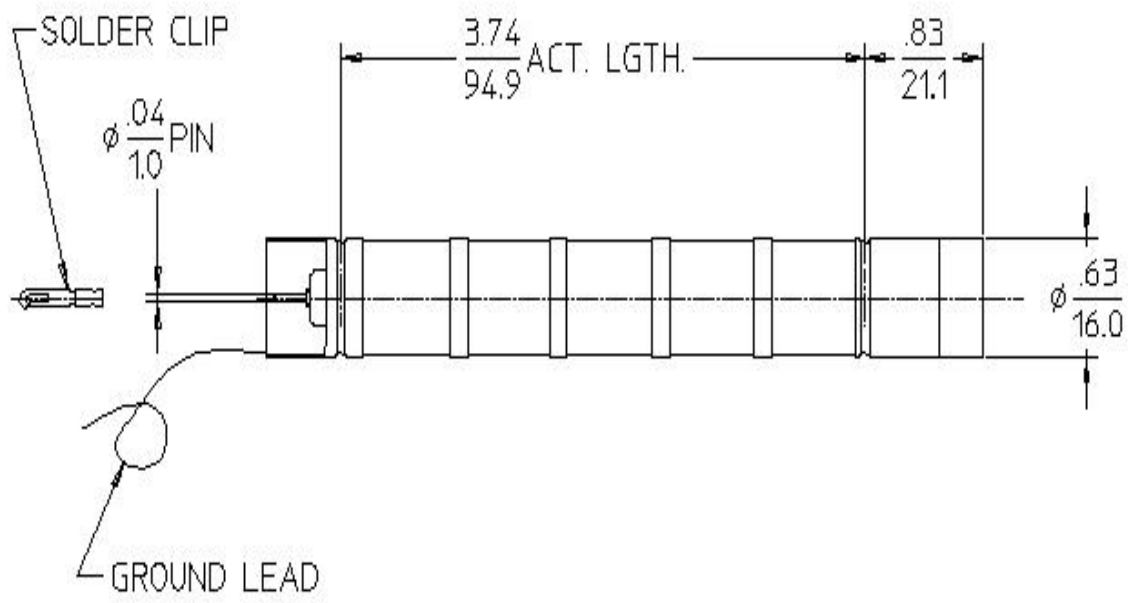
Gas filling	Ne +Halogen
Cathode material	446 Stainless Steel
Maximum length (inch/mm)	5.1/129.5
Effective length (inch/mm)	3.74/94.2
Maximum diameter (inch/mm)	0.63/16.0
Effective diameter (inch/mm)	0.61/15.5
Connector	Pin
Operating temperature range °C	-55 to +75

ELECTRICAL SPECIFICATIONS

Recommended anode resistor (meg ohm)	3.3
Minimum anode resistor (meg ohm)	2.2
Recommended operating voltage (volts)	500
Operating voltage range (volts)	450 - 700
Maximum plateau slope (%/100 volts)	8
Minimum dead time (micro sec)	70
Gamma sensitivity Co60 (cps/mr/hr)	45
Tube capacitance (pf)	3
Weight (grams)	20
Maximum background shielded 50mm Pb + 3mm Al (cpm)	30
Maximum starting voltage (volts)	400

WALL SPECIFICATIONS

Areal density (mg/cm ²)	40-60
Thickness (inch/mm)	0.003/0.076



GAMMA SENSITIVITY

TUBE TYPE - 72118

