
7133 Thin Wall Beta-Gamma Detector

GENERAL SPECIFICATIONS

Gas filling	Ne +Halogen
Cathode material	446 Stainless Steel
Maximum length (inch/mm)	4.17/105.9
Effective length (inch/mm)	1.10/27.9
Maximum diameter (inch/mm)	0.98/25.0
Effective diameter (inch/mm)	0.78/19.8
Connector	B2A
Operating temperature range °C	-40 to +75

ELECTRICAL SPECIFICATIONS

Recommended anode resistor (meg ohm)	4.7
Minimum anode resistor (meg ohm)	2.2
Recommended operating voltage (volts)	500
Operating voltage range (volts)	450 - 650
Maximum plateau slope (%/100 volts)	10
Minimum dead time (micro sec)	45
Gamma sensitivity Co60 (cps/mr/hr)	7.5
Tube capacitance (pf)	3
Weight (grams)	60
Maximum background shielded 50mm Pb + 3mm Al (cpm)	5
Maximum starting voltage (volts)	380

WALL SPECIFICATIONS

Areal density (mg/cm ²)	30
Thickness (inch/mm)	0.002/0.05
Material	Stainless Steel





