



740501 High Temperature Platinum Plated Gamma Detector

GENERAL SPECIFICATIONS

Gas filling	Ne +Halogen
Cathode material	446 Stainless Steel
Maximum length (inch/mm)	3.93/99.8
Effective length (inch/mm)	2.0/50.8
Maximum diameter (inch/mm)	0.29/7.4
Connector	Pin
Operating temperature range °C	-40 to +150
Effective diameter (inch/mm)	0.25/6.4

ELECTRICAL SPECIFICATIONS

Recommended anode resistor (meg ohm)	4.7
Maximum starting voltage (volts)	620
Recommended operating voltage (volts)	700
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



