



7437 High Temperature Platinum Plated Gamma Detector

GENERAL SPECIFICATIONS

Gas filling	Ne +Halogen
Cathode material	446 Stainless Steel
Maximum length (inch/mm)	9.5/241.3
Effective length (inch/mm)	8.25/209.5
Maximum diameter (inch/mm)	0.63/16.0
Connector	JEDEC A3-1
Operating temperature range °C	-55 to +150
Effective diameter (inch/mm)	0.61/15.5

ELECTRICAL SPECIFICATIONS

Recommended anode resistor (meg ohm)	4.7
Maximum starting voltage (volts)	775
Recommended operating voltage (volts)	900
Operating voltage range (volts)	850 - 1200
Maximum plateau slope (%/100 volts)	8
Minimum dead time (micro sec)	100
Gamma sensitivity Co60 (cps/mr/hr)	80
Tube capacitance (pf)	3
Weight (grams)	
Maximum background shielded 50mm Pb + 3mm Al (cpm)	50



