

72233 End Window-Alpha-Beta-Gamma Detector***GENERAL SPECIFICATIONS***

Gas filling	Ne +Halogen
Cathode material	446 Stainless Steel
Maximum length (inch/mm)	2.71/68.8
Effective length (inch/mm)	1.5/38.0
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

WINDOW SPECIFICATIONS

Areal density (mg/cm ²)	2.5 - 3.0
Effective diameter (inch/mm)	0.78/19.8
Material	Mica

ELECTRICAL SPECIFICATIONS

Recommended anode resistor (meg ohm)	3.3
Maximum starting voltage (volts)	350
Recommended operating voltage (volts)	500
Operating voltage range (volts)	450 - 650
Maximum plateau slope (%/100 volts)	10
Minimum dead time (micro sec)	120
Gamma sensitivity Co60 (cps/mr/hr)	45
Tube capacitance (pf)	3
Weight (grams)	60
Maximum background shielded 50mm Pb + 3mm Al (cpm)	30
Minimum anode resistor (meg ohm)	2.2





