
72314 End Window-Alpha-Beta-Gamma Detector

GENERAL SPECIFICATIONS

Gas filling Ne +Halogen
Cathode material 446 Stainless Steel
Maximum length (inch/mm) 1.93/49.1
Effective length (inch/mm) 1.45/36.8
Maximum diameter (inch/mm) 1.31/33.3
Effective diameter (inch/mm) 1.13/28.6
Connector Pin
Operating temperature range °C -40 to +75

**WINDOW SPECIFICATIONS**

Areal density (mg/cm²) 2.0
Effective diameter (inch/mm) 1.13/28.6
Material Mica

ELECTRICAL SPECIFICATIONS

Recommended anode resistor (meg ohm)
4.7
Maximum starting voltage (volts) 375
Recommended operating voltage (volts)
500
Operating voltage range (volts) 450-700
Maximum plateau slope (%/100 volts) 10
Minimum dead time (micro sec) 230
Gamma sensitivity Co60 (cps/mr/hr) 50
Tube capacitance (pf) 3
Weight (grams) 51
Maximum background shielded 50mm Pb + 3mm
Al (cpm) 25
Minimum anode resistor (meg ohm) 3.3

