

722

End window alpha-beta-gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	5.87/149.0
MAXIMUM DIAMETER (INCH/MM)	1.0/25.4
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	4.25/107.95
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.78/19.9
CONNECTOR	Grid Cap
OPERATING TEMPERATURE RANGE °C	-55 to +75

WINDOW SPECIFICATIONS

MATERIAL	Mica
EFFECTIVE DIAMETER (INCH/MM)	0.78/19.9
AREAL DENSITY (MG/CM²)	3.0 - 4.0

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	700
RECOMMENDED ANODE RESISTOR (MEG OHM)	1
OPERATING VOLTAGE RANGE (VOLTS)	660 - 860
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	15
MINIMUM DEAD TIME (MICRO SEC)	100
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	45
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	92
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	60
MAXIMUM STARTING VOLTAGE (VOLTS)	640





