

718

End window alpha-beta-gamma detector



GENERAL SPECIFICATIONS

GAS FILLING	Ne +Halogen
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
MAXIMUM LENGTH (INCH/MM)	5.75/146.1
MAXIMUM DIAMETER (INCH/MM)	2.25/57.1
EFFECTIVE DIAMETER (INCH/MM)	1.6/40.6
CONNECTOR	Jedec A4-9
OPERATING TEMPERATURE RANGE °C	-55 to +75
EFFECTIVE DEPTH (INCH/MM)	4.06/103.12

WINDOW SPECIFICATIONS

AREAL DENSITY (MG/CM ²)	5.0 - 6.0
EFFECTIVE DIAMETER (INCH/MM)	1.6/40.64
MATERIAL	Mica

ELECTRICAL SPECIFICATIONS

RECOMMENDED ANODE RESISTOR (MEG OHM)	1
MAXIMUM STARTING VOLTAGE (VOLTS)	750
RECOMMENDED OPERATING VOLTAGE (VOLTS)	900
OPERATING VOLTAGE RANGE (VOLTS)	800-1050
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	10
MINIMUM DEAD TIME (MICRO SEC)	300
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	30
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	400
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	75





