

# 723

End window-alpha-beta-gamma detector



## GENERAL SPECIFICATIONS

<b>MAXIMUM LENGTH (INCH/MM)</b>	4.32/109.7
<b>MAXIMUM DIAMETER (INCH/MM)</b>	1.38/34.9
<b>GAS FILLING</b>	Ne +Halogen
<b>EFFECTIVE LENGTH (INCH/MM)</b>	2.6/66.0
<b>CATHODE MATERIAL (INTERNAL/EXTERNAL)</b>	446 Stainless Steel
<b>EFFECTIVE DIAMETER (INCH/MM)</b>	1.13/28.6
<b>CONNECTOR</b>	Jedec A4-9
<b>OPERATING TEMPERATURE RANGE °C</b>	-40 to +75

# WINDOW SPECIFICATIONS

MATERIAL	Mica
EFFECTIVE DIAMETER (INCH/MM)	1.13/28.6
AREAL DENSITY (MG/CM <sup>2</sup> )	2.0

# ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	900
RECOMMENDED ANODE RESISTOR (MEG OHM)	1
OPERATING VOLTAGE RANGE (VOLTS)	850-1000
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	10
MINIMUM DEAD TIME (MICRO SEC)	150
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	40
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	150
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	50
MAXIMUM STARTING VOLTAGE (VOLTS)	800





