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# 712

End window-alpha-beta-gamma detector



## GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	1.94/49.2
MAXIMUM DIAMETER (INCH/MM)	0.59/15.1
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	1.5/38.1
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	.36/9.1
CONNECTOR	Pin

OPERATING TEMPERATURE RANGE °C	-40 to +75
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WINDOW SPECIFICATIONS

MATERIAL	Mica
EFFECTIVE DIAMETER (INCH/MM)	0.36/9.1
AREAL DENSITY (MG/CM <sup>2</sup> )	1.5 - 2.0

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	10
OPERATING VOLTAGE RANGE (VOLTS)	450 - 650
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	6
MINIMUM DEAD TIME (MICRO SEC)	90
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	8
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	10
MAXIMUM STARTING VOLTAGE (VOLTS)	325





