

520195

End window beta-gamma ionization chamber



GENERAL SPECIFICATIONS

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|---|------------|
| MAXIMUM LENGTH (INCH/MM) | 2.50/63.5 |
| MAXIMUM DIAMETER (INCH/MM) | 1.75/44.5 |
| EFFECTIVE LENGTH (INCH/MM) | 1.62/41.0 |
| CATHODE MATERIAL (INTERNAL/EXTERNAL) | Aluminum |
| FILL GAS | Xenon |
| FILL PRESSURE (TORR) | 800 |
| ANODE CONNECTOR | Solder Lug |
| CATHODE CONNECTOR | Solder Lug |

| | |
|---------------------------------------|------------|
| GUARD CONNECTOR | Solder Lug |
| STORAGE TEMPERATURE RANGE (°C) | -40 to 100 |
| MINIMUM SHELF LIFE (YEARS) | 2 |

WINDOW SPECIFICATIONS

| | |
|-------------------------------------|-----------|
| MATERIAL | Aluminum |
| THICKNESS (INCH/MM) | .001/.025 |
| EFFECTIVE DIAMETER (INCH/MM) | 1.44/36.5 |

OPERATING CHARACTERISTICS

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| RECOMMENDED OPERATING VOLTAGE (VOLTS) | 500 |
| OPERATING TEMPERATURE RANGE °C | 25 to 85 |
| MAXIMUM OPERATING VOLTAGE (VOLTS) | 800 |
| RESISTANCE - CATHODE TO GUARD (OHMS) | >1.0E12 |
| RESISTANCE - SIGNAL TO GUARD (OHMS) | >1.0E14 |
| GAMMA SENSITIVITY (CS137) (A/R/HR) | 3.5E-11 |





