

4548

Dual aluminum side window proportional counter

GENERAL SPECIFICATIONS

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|---|------------|
| MAXIMUM LENGTH (INCH/MM) | 7.02/178.4 |
| MAXIMUM DIAMETER (INCH/MM) | 2.00/50.8 |
| GAS FILLING | Krypton |
| EFFECTIVE LENGTH (INCH/MM) | 4.5/114.3 |
| CATHODE MATERIAL (INTERNAL/EXTERNAL) | Aluminum |
| EFFECTIVE DIAMETER (INCH/MM) | 1.88/47.8 |
| CONNECTOR | MHV |
| OPERATING TEMPERATURE RANGE °C | -40 to +75 |
| GAS PRESSURE (TORR) | 800 |
| PATH LENGTH (INCH/MM) | 1.88/47.8 |

ELECTRICAL SPECIFICATIONS

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| RECOMMENDED OPERATING VOLTAGE (VOLTS) | 1800 |
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| OPERATING VOLTAGE RANGE (VOLTS) | 1700 - 1950 |
| CAPACITANCE (PF) | 3 |
| TYPICAL RESOLUTION (FWHM CD109) | 10 |

EXIT WINDOW SPECIFICATIONS

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|-------------------------------------|-------------|
| MATERIAL | Aluminum |
| AREAL DENSITY (MG/CM ²) | 27.4 |
| THICKNESS (INCH/MM) | 0.004/0.102 |
| DIAMETER (INCH/MM) | 1.0/25.4 |

ENTRANCE WINDOW SPECIFICATIONS

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|-------------------------------------|-------------|
| MATERIAL | Aluminum |
| AREAL DENSITY (MG/CM ²) | 27.4 |
| THICKNESS (INCH/MM) | 0.004/0.102 |
| DIAMETER (INCH/MM) | 1.0/25.4 |

