



Click [here](#) for the 3D model.

General Information

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|----------------|--|
| Series | A780 |
| Dielectric | Hybrid Polymer |
| Style | SMD Can |
| Description | Surface Mount, Hybrid Aluminum Polymer |
| RoHS | Yes |
| Lead | V-Chip |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Halogen Free | Yes |
| Shelf Life | 52 Weeks |
| MSL | 1 |

Specifications

| | |
|-------------------------|--|
| Capacitance | 560 uF |
| Tolerance | 20% |
| Voltage DC | 25 VDC, 28.75 VDC (Surge) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 125°C |
| Life | 4000 Hrs |
| Dissipation Factor | 14% 120Hz 20C |
| ESR | 22 mOhms (100kHz 20C) |
| Ripple Current | 2100 mAmps (100kHz 125C), 6900 mAmps (100kHz 105C MAX, With Heat Sink), 4000 mAmps (100kHz 125C MAX, With Heat Sink) |
| High Temperature Solder | Yes |
| Leakage Current | 140 uA (2min 20°C) |

Dimensions

| | |
|---|-----------------|
| D | 10mm +/-0.5mm |
| L | 12.2mm +/-0.5mm |
| W | 10.3mm +/-0.2mm |
| H | 10.3mm +/-0.2mm |
| C | 11mm +/-0.2mm |
| P | 4.6mm NOM |
| R | 0.8 - 1.1mm |

Packaging Specifications

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|--------------------|------------|
| Packaging | T&R, 380mm |
| Packaging Quantity | 400 |

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