



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

General Information

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|----------------|---------------------------------|
| Series | A781 |
| Dielectric | Hybrid Polymer |
| Style | SMD Can |
| Description | Surface Mount, Polymer Aluminum |
| RoHS | Yes |
| Lead | V-Chip |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Halogen Free | Yes |
| Shelf Life | 52 Weeks |
| MSL | 1 |

Specifications

| | |
|-------------------------|---|
| Capacitance | 100 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 50 VDC, 57.5 VDC (Surge) |
| Temperature Range | -55/+135°C |
| Rated Temperature | 135°C |
| Life | 2000 Hrs |
| Dissipation Factor | 10% 120Hz 20C |
| ESR | 30 mOhms (100kHz 20C) |
| Ripple Current | 2000 mAmps (100kHz 125C), 2300 mAmps (100kHz 135C), 6400 mAmps (100kHz 105C MAX, With Heat Sink), 4100 mAmps (100kHz 125C MAX, With Heat Sink) |
| Leakage Current | 50 uA (2min 20°C) |
| High Temperature Solder | Yes |

Dimensions

| | |
|---|-----------------|
| D | 10mm +/-0.5mm |
| L | 10.2mm +/-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 |
|-----------|------------|

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