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#### General Information

|                |                                 |
|----------------|---------------------------------|
| 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             | 180 uF  |
| Tolerance               | 20%   |
| Voltage DC              | 35 VDC, 40.25 VDC (Surge)   |
| Temperature Range       | -55/+135°C  |
| Rated Temperature       | 135°C   |
| Life                    | 2000 Hrs  |
| Dissipation Factor      | 12% 120Hz 20C   |
| ESR                     | 25 mOhms (100kHz 20C)   |
| Ripple Current          | 2200 mAmps (100kHz 125C),<br>2500 mAmps (100kHz 135C),<br>7000 mAmps (100kHz 105C<br>MAX, With Heat Sink), 4500<br>mAmps (100kHz 125C MAX, With<br>Heat Sink) |
| High Temperature Solder | Yes   |
| Leakage Current         | 63 uA (2min 20°C)   |

#### 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

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 380mm |
| Packaging Quantity | 500        |

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