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**General Information**

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

**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**

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

**Specifications**

|                         |  |
|-------------------------|--|
| Capacitance             | 56 uF  |
| Tolerance               | 20%  |
| Voltage DC              | 63 VDC, 72.4 VDC (Surge)   |
| Temperature Range       | -55/+125°C   |
| Rated Temperature       | 125°C  |
| Life                    | 4000 Hrs   |
| Dissipation Factor      | 8% 120Hz 20C   |
| ESR                     | 30 mOhms (100kHz 20C)  |
| Ripple Current          | 1800 mAmps (100kHz 125C),<br>5950 mAmps (100kHz 105C<br>MAX, With Heat Sink), 3400<br>mAmps (100kHz 125C MAX, With<br>Heat Sink) |
| High Temperature Solder | Yes  |
| Leakage Current         | 35.28 uA (2min 20°C)   |

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