



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

#### General Information

|                |                                 |
|----------------|---------------------------------|
| Series         | A780                            |
| 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             | 82 uF                     |
| Tolerance               | 20%                       |
| Voltage DC              | 35 VDC, 40.25 VDC (Surge) |
| Temperature Range       | -55/+125°C                |
| Rated Temperature       | 125°C                     |
| Life                    | 4000 Hrs                  |
| Dissipation Factor      | 12% 120Hz 20C             |
| ESR                     | 45 mOhms (100kHz 20C)     |
| Ripple Current          | 1150 mAmps (100kHz 125C)  |
| High Temperature Solder | Yes                       |
| Leakage Current         | 28.7 uA (2min 20°C)       |

#### Dimensions

|   |                |
|---|----------------|
| D | 6.3mm +/-0.5mm |
| L | 9.7mm +/-0.3mm |
| W | 6.6mm +/-0.2mm |
| H | 6.6mm +/-0.2mm |
| C | 7.3mm +/-0.2mm |
| P | 2mm NOM        |
| R | 0.5 - 0.8mm    |

#### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 380mm |
| Packaging Quantity | 800        |

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