



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

**General Information**

|                |  |
|----------------|--|
| Series         | A785                                   |
| Dielectric     | Hybrid Polymer                         |
| Style          | SMD Can                                |
| Description    | Surface Mount, Hybrid Aluminum Polymer |
| RoHS           | Yes                                    |
| Qualifications | AEC-Q200                               |
| Halogen Free   | Yes                                    |
| Shelf Life     | 52 Weeks                               |
| MSL            | 1                                      |

**Dimensions**

|   |                |
|---|----------------|
| D | 8mm +/-0.5mm   |
| L | 9.7mm +/-0.3mm |
| W | 8.3mm +/-0.2mm |
| H | 8.3mm +/-0.2mm |
| C | 9mm +/-0.2mm   |
| P | 3.1mm NOM      |
| R | 0.8 - 1.1mm    |

**Packaging Specifications**

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

**Specifications**

|                         |  |
|-------------------------|--|
| Capacitance             | 120 uF   |
| Tolerance               | 20%  |
| Voltage DC              | 35 VDC, 40.25 VDC (Surge)  |
| Temperature Range       | -55/+150°C   |
| Rated Temperature       | 150°C  |
| Life                    | 1000 Hrs   |
| Dissipation Factor      | 12% 120Hz 20C  |
| ESR                     | 35 mOhms (100kHz 20C)  |
| Ripple Current          | 2300 mAmps (100kHz 125C),<br>1500 mAmps (100kHz 135C),<br>1000 mAmps (100kHz 150C) |
| High Temperature Solder | Yes  |
| Leakage Current         | 42 uA (2min 20°C)  |

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