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**General Information**

|                |  |
|----------------|--|
| Series         | A782                                   |
| 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                               |

**Dimensions**

|   |                 |
|---|-----------------|
| D | 10mm +/-0.5mm   |
| L | 12.2mm +/-0.3mm |
| 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        | 150 uF  |
| Tolerance          | 20%   |
| Voltage DC         | 50 VDC  |
| Temperature Range  | -55/+135°C  |
| Rated Temperature  | 135°C   |
| Life               | 4000 Hrs  |
| Dissipation Factor | 10% 120Hz 20C   |
| ESR                | 28 mOhms (100kHz 20C)                                 |
| Ripple Current     | 3800 mAmps (100kHz 125C),<br>2900 mAmps (100kHz 135C) |
| Leakage Current    | 75 uA (2min 20°C)                                     |

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