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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   | true                            |
| Shelf Life     | 52 Weeks                        |
| MSL            | 1                               |

**Specifications**

|                         |   |
|-------------------------|---|
| Capacitance             | 100 uF  |
| Capacitance Tolerance   | 20%   |
| Voltage DC              | 63 VDC, 72.45 VDC (Surge)   |
| Temperature Range       | -55/+135°C  |
| Rated Temperature       | 135°C   |
| Life                    | 2000 Hrs  |
| Dissipation Factor      | 8% 120Hz 20C  |
| ESR                     | 30 mOhms (100kHz 20C)   |
| Ripple Current          | 2200 mAmps (100kHz 125C),<br>2500 mAmps (100kHz 135C),<br>6400 mAmps (100kHz 105C<br>MAX, With Heat Sink), 4100<br>mAmps (100kHz 125C MAX, With<br>Heat Sink) |
| Leakage Current         | 63 uA (2min 20°C)   |
| High Temperature Solder | true  |

| Dimensions |                 |
|------------|-----------------|
| D          | 10mm +/-0.5mm   |
| L          | 12.4mm +/-0.5mm |
| W          | 10.3mm +/-0.2mm |
| H          | 10.8mm +/-0.2mm |
| C          | 11.2mm +/-0.2mm |
| J          | 4.4mm NOM       |
| K          | 3.2mm NOM       |
| P          | 4.6mm NOM       |
| R          | 0.7 - 1.1mm     |

  

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

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