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#### General Information

|                |                                        |
|----------------|----------------------------------------|
| Series         | A788                                   |
| 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     | 104 Weeks                              |

#### Dimensions

|   |                 |
|---|-----------------|
| D | 10mm +/-0.5mm   |
| L | 16.5mm +/-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 |
|-----------|------------|

#### Specifications

|                    |                                                       |
|--------------------|-------------------------------------------------------|
| Capacitance        | 270 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                | 12 mOhms (100kHz 20C)                                 |
| Ripple Current     | 5500 mAmps (100kHz 125C),<br>3800 mAmps (100kHz 135C) |
| Leakage Current    | 135 uA (2min 20°C)                                    |

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