



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

#### General Information

|                          |                                      |
|--------------------------|--------------------------------------|
| Series                   | C4AQ                                 |
| Dielectric               | Metallized Polypropylene             |
| Style                    | Radial                               |
| RoHS                     | Yes                                  |
| Lead                     | 4 Wire Leads                         |
| Qualifications           | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200                 | Yes                                  |
| Typical Component Weight | 117.8 g                              |
| Miscellaneous            | Rth = 10 C/W.                        |

#### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 27 uF                                       |
| Tolerance             | 5%  |
| Voltage DC            | 1300 VDC                                    |
| Temperature Range     | -55/+105°C                                  |
| Rated Temperature     | 70°C  |
| Insulation Resistance | 1.11 GOhms                                  |
| Max dV/dt             | 13 V/us                                     |
| ESR                   | 4.9 mOhms (10kHz 70C)                       |
| Ripple Current        | 22.8 Amps Irms (10kHz 70C),<br>354 Amps Ipk |
| Inductance            | 15 nH                                       |

#### Dimensions

|    |                    |
|----|--------------------|
| L  | 57.5mm +0.8/-0.7mm |
| H  | 50mm +0.3/-0.7mm   |
| T  | 35mm +0.5/-0.7mm   |
| S  | 52.5mm +/-0.4mm    |
| S1 | 20.3mm +/-0.4mm    |
| LL | 6mm +0/-2mm        |
| F  | 1.2mm +/-0.05mm    |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 23        |

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