



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

#### General Information

|                          |                                      |
|--------------------------|--------------------------------------|
| Series                   | C4AQ-P                               |
| Dielectric               | Metallized Polypropylene             |
| Style                    | Radial                               |
| Features                 | DC Filtering                         |
| RoHS                     | Yes                                  |
| Lead                     | 4 Wire Leads                         |
| Qualifications           | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200                 | Yes                                  |
| Typical Component Weight | 193.5 g                              |
| Miscellaneous            | Rth = 8 C/W.                         |

#### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 55 uF                                    |
| Tolerance             | 5%                                       |
| Voltage DC            | 900 VDC                                  |
| Temperature Range     | -55/+125°C                               |
| Insulation Resistance | 550 MOhms                                |
| Max dV/dt             | 15 V/us                                  |
| ESR                   | 3.3 mOhms (10kHz 70C)                    |
| Ripple Current        | 32.5 Amps Irms (10kHz 75C), 825 Amps Ipk |
| Inductance            | 17 nH                                    |

#### Dimensions

|    |                    |
|----|--------------------|
| L  | 57.5mm +0.8/-0.7mm |
| H  | 56mm +0.3/-0.7mm   |
| T  | 45mm +0.5/-0.7mm   |
| S  | 52.5mm +/-0.4mm    |
| S1 | 20.3mm +/-0.4mm    |
| LL | 6mm -2mm           |
| F  | 1.2mm +/-0.05mm    |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 18        |