



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 42mm +0.6/-0.7mm |
| H  | 45mm +0.2/-0.7mm |
| T  | 30mm +0.4/-0.7mm |
| S  | 37.5mm +/-0.4mm  |
| S1 | 20.3mm +/-0.4mm  |
| LL | 6mm -2mm         |
| F  | 1.2mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 36        |

### 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                                  |
| Component Weight | 80.3 g                               |
| Miscellaneous    | Rth = 15 C/W.                        |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 12 uF                                    |
| Capacitance Tolerance | 5%                                       |
| Voltage DC            | 1100 VDC                                 |
| Temperature Range     | -55/+125°C                               |
| Insulation Resistance | 2.5 GOhms                                |
| Max dV/dt             | 40 V/us                                  |
| Resistance            | 5.83 mOhms (10kHz 70C)                   |
| Ripple Current        | 18.1 Amps Irms (10kHz 75C), 480 Amps Ipk |
| Inductance            | 13 nH                                    |