



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

General Information

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|--------------------------|--------------------------------------|
| Series | C4AQ-P |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | DC Filtering |
| RoHS | Yes |
| Lead | 4 Wire Leads |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 |
| Typical Component Weight | 104 g |
| Miscellaneous | Rth = 13 C/W. |

Dimensions

| | |
|----|------------------|
| L | 42mm +0.6/-0.7mm |
| H | 50mm +0.2/-0.7mm |
| T | 35mm +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 | 30 |

Specifications

| | |
|-----------------------|---|
| Capacitance | 50 uF |
| Tolerance | 5% |
| Voltage DC | 600 VDC |
| Temperature Range | -55/+125°C |
| Insulation Resistance | 600 MOhms |
| Max dV/dt | 30 V/us |
| ESR | 2.53 mOhms (10kHz 70C) |
| Ripple Current | 29.9 Amps Irms (10kHz 75C), 1500 Amps Ipk |
| Inductance | 14 nH |

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