



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

Dimensions

| | |
|----|------------------|
| L | 42mm +0.6/-0.7mm |
| H | 40mm +0.2/-0.7mm |
| T | 20mm +0.4/-0.7mm |
| S | 37.5mm +/-0.4mm |
| S1 | 10.2mm +/-0.4mm |
| LL | 6mm +0/-2mm |
| F | 1.2mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Box |
| Packaging Quantity | 58 |

General Information

| | |
|------------------|--------------------------------------|
| Series | C4AQ |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| RoHS | Yes |
| Lead | 4 Wire Leads |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200 | Yes |
| Component Weight | 41.2 g |
| Miscellaneous | Rth = 20 C/W. |

Specifications

| | |
|-----------------------|--|
| Capacitance | 6 uF |
| Capacitance Tolerance | 5% |
| Voltage DC | 1500 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 70°C |
| Insulation Resistance | 5 GOhms |
| Max dV/dt | 22 V/us |
| Resistance | 9.4 mOhms (10kHz 70C) |
| Ripple Current | 11.8 Amps Irms (10kHz 70C), 132 Amps Ipk |
| Inductance | 12 nH |