



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

Dimensions

| | |
|----|--------------------|
| L | 57.5mm +0.8/-0.7mm |
| H | 45mm +0.3/-0.7mm |
| T | 30mm +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 | 27 |

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 | 104.2 g |
| Miscellaneous | Rth = 12 C/W. |

Specifications

| | |
|-----------------------|--|
| Capacitance | 45 uF |
| Capacitance Tolerance | 5% |
| Voltage DC | 700 VDC |
| Temperature Range | -55/+125°C |
| Insulation Resistance | 670 MOhms |
| Max dV/dt | 15 V/us |
| Resistance | 4.84 mOhms (10kHz 70C) |
| Ripple Current | 22.3 Amps Irms (10kHz 75C), 675 Amps Ipk |
| Inductance | 13 nH |