



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 +0/-2mm |
| F | 1.2mm +/-0.05mm |

Packaging Specifications

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

General Information

| | |
|------------------|--------------------------------------|
| Series | C4AF |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Harsh Environmental Conditions |
| RoHS | Yes |
| Lead | 4 Wire Leads |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200 | Yes |
| Component Weight | 80.8 g |
| Miscellaneous | Rth = 15 C/W. |

Specifications

| | |
|-----------------------|--------------------------------------|
| Capacitance | 4.4 uF |
| Capacitance Tolerance | 10% |
| Voltage AC | 500 VAC |
| Voltage DC | 1000 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 6.82 GOhms |
| Max dV/dt | 113.2 V/us |
| Resistance | 3.193 mOhms |
| Ripple Current | 16.9 Amps Irms (MAX), 498.2 Amps Ipk |
| Inductance | 13 nH (ESL) |