



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

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 |
| Typical Component Weight | 91.9 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 +0/-2mm |
| F | 1.2mm +/-0.05mm |

Specifications

| | |
|-----------------------|-------------------------------------|
| Capacitance | 17 uF |
| Tolerance | 10% |
| Voltage DC | 630 VDC |
| Voltage AC | 310 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 1.76 GOhms |
| Max dV/dt | 32 V/us |
| ESR | 2.8 mOhms |
| Ripple Current | 23.8 Amps Irms (MAX), 560 Amps Ipkr |
| Inductance | 14 nH (ESL) |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Box |
| Packaging Quantity | 30 |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.