


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

General Information

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|--------------------------|--------------------------------------|
| 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 |
| Typical Component Weight | 224 g |
| Miscellaneous | R _{th} = 7 C/W. |

Dimensions

| | |
|----|--------------------|
| L | 57.5mm +0.8/-0.7mm |
| H | 65mm +0.3/-0.7mm |
| T | 45mm +0.5/-0.7mm |
| S | 52.5mm +/-0.4mm |
| S1 | 20.3mm +/-0.4mm |
| LL | 6mm +0/-2mm |
| F | 1.2mm +/-0.05mm |

Specifications

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|-----------------------|-------------------------------------|
| Capacitance | 50 uF |
| Tolerance | 10% |
| Voltage DC | 630 VDC |
| Voltage AC | 310 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 600 MOhms |
| Max dV/dt | 10 V/us |
| ESR | 50 mOhms |
| Ripple Current | 29.4 Amps Irms (MAX), 500 Amps Ipkr |
| Inductance | 24.7 nH (ESL) |

Packaging Specifications

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|--------------------|-----------|
| Packaging | Bulk, Box |
| Packaging Quantity | 18 |

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