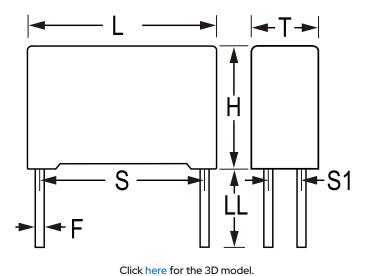


C4AF9EW5375A3AK

Not for New Design C4AF, Film, Metallized Polypropylene, Power, 37.5 uF, 10%, 630 VDC, 310 VAC, 85°C, 52.5 mm



| 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 |
| Typical Component Weight | 184 g |
| Miscellaneous | Rth = 8 C/W. |

| Dimensions | |
|------------|--------------------|
| L | 57.5mm +0.8/-0.7mm |
| н | 56mm +0.3/-0.7mm |
| т | 45mm +0.5/-0.7mm |
| S | 52.5mm +/-0.4mm |
| S1 | 20.3mm +/-0.4mm |
| LL | 6mm +0/-2mm |
| F | 1.2mm +/-0.05mm |
| | |

Packaging Specifications

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

| Specifications | |
|-----------------------|--|
| Capacitance | 37.5 uF |
| Tolerance | 10% |
| Voltage DC | 630 VDC |
| Voltage AC | 310 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 800 MOhms |
| Max dV/dt | 21 V/us |
| ESR | 2.8 mOhms |
| Ripple Current | 30.9 Amps Irms (MAX), 788 Amps Ipkr |
| Inductance | 41 nH (ESL) |

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