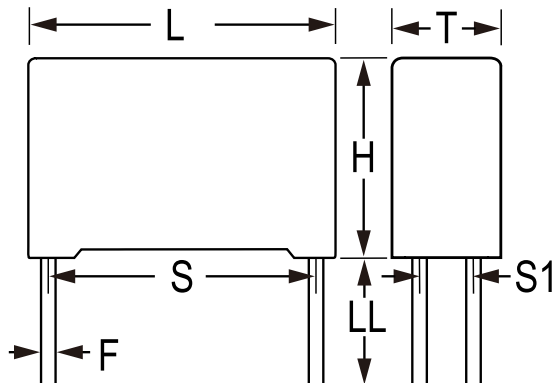


C4AF, Film, Metallized Polypropylene, Power, 47 uF, 10%, 250 VAC, 500 VDC, 85°C, Lead Spacing = 52.5mm



| 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 |
| Miscellaneous: | Rth = 8 C/W. |

| Dimensions | |
|------------|--------------------|
| L | 57.5mm +0.8/-0.7mm |
| H | 56mm +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 | |
|------------------------|----------------------------------|
| Capacitance: | 47 uF |
| Capacitance Tolerance: | 10% |
| Voltage AC: | 250 VAC |
| Voltage DC: | 500 VDC |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 0.07% MAX |
| Insulation Resistance: | 640 MOhms |
| Max dV/dt: | 18 V/us |
| Resistance: | 2.8 mOhms |
| Ripple Current: | 32 Amps Irms (MAX), 837 Amps Ipk |
| Inductance: | 41 nH (ESL) |

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