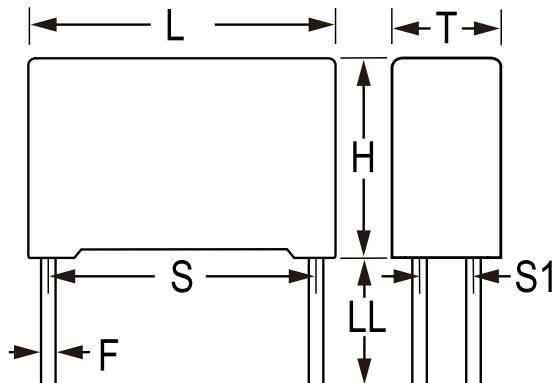


C4AF, Film, Metallized Polypropylene, Power, 10 uF, 10%, 310 VAC, 630 VDC, 85°C, Lead Spacing = 37.5mm



| 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                                  |
| Component Weight:   | 54.8 g                               |
| Miscellaneous:      | Rth = 18 C/W.                        |

| Dimensions |                  |
|------------|------------------|
| L          | 42mm +0.6/-0.7mm |
| H          | 37mm +0.2/-0.7mm |
| T          | 28mm +0.4/-0.7mm |
| S          | 37.5mm +/-0.4mm  |
| S1         | 10.2mm +/-0.4mm  |
| LL         | 6mm +0/-2mm      |
| F          | 1.2mm +/-0.05mm  |

| Specifications         |                                    |
|------------------------|------------------------------------|
| Capacitance:           | 10 uF                              |
| Capacitance Tolerance: | 10%                                |
| Voltage AC:            | 310 VAC                            |
| Voltage DC:            | 630 VDC                            |
| Temperature Range:     | -55/+105°C                         |
| Rated Temperature:     | 85°C                               |
| Insulation Resistance: | 3 GOhms                            |
| Max dV/dt:             | 32 V/us                            |
| Resistance:            | 4.2 mOhms                          |
| Ripple Current:        | 16.6 Amps Irms (MAX), 320 Amps Ipk |
| Inductance:            | 29 nH (ESL)                        |

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