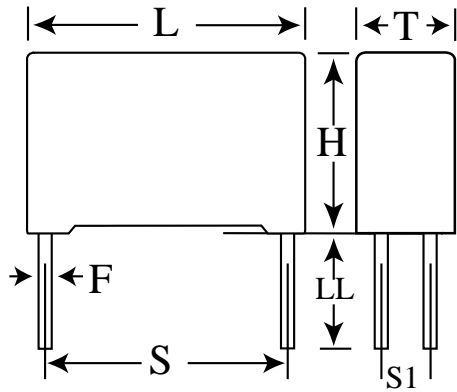


C4AF, Film, Metallized Polypropylene, Power, 15 uF, 10%, 630 V, 85C, Lead Spacing = 37.5mm



| General Information |                                      |
|---------------------|--------------------------------------|
| Supplier:           | KEMET                                |
| Series:             | C4AF                                 |
| Dielectric:         | Metallized Polypropylene             |
| Style:              | Radial                               |
| RoHS:               | Yes                                  |
| Lead:               | 4 Wire Leads                         |
| Qualifications:     | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200:           | Yes                                  |
| Miscellaneous:      | Rth = 13 C/W                         |

| Dimensions |                 |
|------------|-----------------|
| L          | 42mm +0.6mm     |
| H          | 50mm +0.2mm     |
| T          | 35mm +0.4mm     |
| S          | 37.5mm +/-0.4mm |
| S1         | 20.3mm +/-0.4mm |
| LL         | 6mm +0/-2mm     |
| F          | 1.2mm +/-0.05mm |

| Specifications         |                               |
|------------------------|-------------------------------|
| Capacitance:           | 15 uF                         |
| Capacitance Tolerance: | 10%                           |
| Voltage DC:            | 630 VDC                       |
| Voltage AC:            | 310 VAC                       |
| Temperature Range:     | -55/+105C                     |
| Rated Temperature:     | 85C                           |
| Dissipation Factor:    | 0.02% (10 kHz 25C)            |
| Max dV/dt:             | 32 V/us                       |
| Resistance:            | 3 mOhms                       |
| Current:               | 23.1 Amps Irms, 480 Amps Ipkr |
| Inductance:            | 35 nH                         |

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