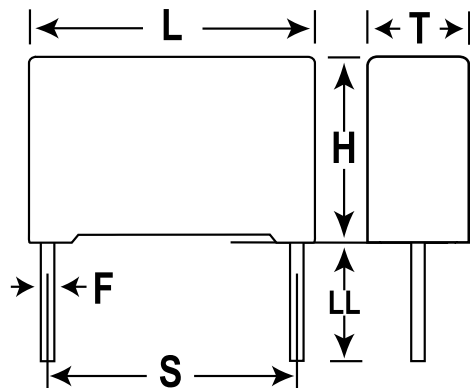


C4AF, Film, Metallized Polypropylene, Power, 6.8 uF, 10%, 500 V, 85C, Lead Spacing = 27.5mm



#### 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 = 23 C/W                         |

#### Dimensions

|    |                 |
|----|-----------------|
| L  | 31.5mm +0.5mm   |
| H  | 37mm +0.2mm     |
| T  | 22mm +0.3mm     |
| S  | 27.5mm +/-0.4mm |
| LL | 6mm +0/-2mm     |
| F  | 0.8mm +/-0.05mm |

#### Packaging Specifications

|                     |           |
|---------------------|-----------|
| Packaging:          | Bulk, Box |
| Packaging Quantity: | 64        |

#### Specifications

|                        |                               |
|------------------------|-------------------------------|
| Capacitance:           | 6.8 uF                        |
| Capacitance Tolerance: | 10%                           |
| Voltage DC:            | 500 VDC                       |
| Voltage AC:            | 250 VAC                       |
| Temperature Range:     | -55/+105C                     |
| Rated Temperature:     | 85C                           |
| Dissipation Factor:    | 0.02% (10 kHz 25C)            |
| Max dV/dt:             | 38 V/us                       |
| Resistance:            | 6.6 mOhms                     |
| Current:               | 12.1 Amps Irms, 259 Amps Ipkr |
| Inductance:            | 28 nH                         |