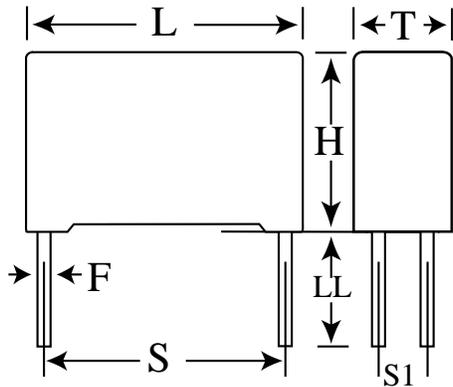


C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 25 uF, 5%, 1300 VDC, 70C, Lead Spacing = 52.5mm



| General Information |                                      |
|---------------------|--------------------------------------|
| Supplier:           | KEMET                                |
| Series:             | C4AQ                                 |
| Dielectric:         | Metallized Polypropylene             |
| Style:              | Radial                               |
| RoHS:               | Yes                                  |
| Lead:               | 4 Wire Leads                         |
| Qualifications:     | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200:           | Yes                                  |
| Miscellaneous:      | Rth = 10 C/W                         |

| Dimensions |                 |
|------------|-----------------|
| L          | 57.5mm +/-0.8mm |
| H          | 50mm +/-0.3mm   |
| T          | 35mm +/-0.5mm   |
| S          | 52.5mm +/-0.4mm |
| S1         | 20.3mm +/-0.4mm |
| LL         | 6mm +0/-2mm     |
| F          | 1.2mm +/-0.05mm |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 25 uF                                  |
| Capacitance Tolerance: | 5%                                     |
| Voltage DC:            | 1300 VDC                               |
| Temperature Range:     | -40/+105C                              |
| Rated Temperature:     | 70C                                    |
| Dissipation Factor:    | 0.02% (10 kHz 25C)                     |
| Insulation Resistance: | 1.2 Ohms                               |
| Max dV/dt:             | 13 V/us                                |
| Resistance:            | 5.2 mOhms (10kHz 70C)                  |
| Ripple Current:        | 16 Amps Irms (10kHz 70C), 331 Amps Ipk |
| Inductance:            | 35 nH                                  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Box |
| Packaging Quantity:      | 23        |