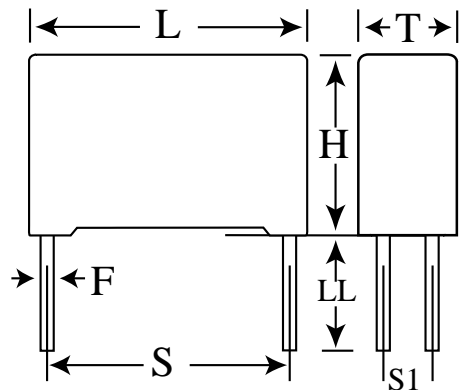


C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 12 uF, 5%, 1,300 V, 70C, Lead Spacing = 37.5mm



| 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 = 15 C/W                         |

| Dimensions |                 |
|------------|-----------------|
| L          | 42mm +/-0.6mm   |
| H          | 45mm +/-0.2mm   |
| T          | 30mm +/-0.4mm   |
| S          | 37.5mm +/-0.4mm |
| S1         | 20.3mm +/-0.4mm |
| LL         | 6mm +/-0.2mm    |
| F          | 1.2mm +/-0.05mm |

| Specifications         |                       |
|------------------------|-----------------------|
| Capacitance:           | 12 uF                 |
| Capacitance Tolerance: | 5%                    |
| Voltage DC:            | 1300 VDC              |
| Temperature Range:     | -40/+105C             |
| Rated Temperature:     | 70C                   |
| Dissipation Factor:    | 0.02% (10 kHz 25C)    |
| Insulation Resistance: | 2.5 Ohms              |
| Max dV/dt:             | 20 V/us               |
| Resistance:            | 5.3 mOhms (10kHz 70C) |
| Inductance:            | 30 nH                 |

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