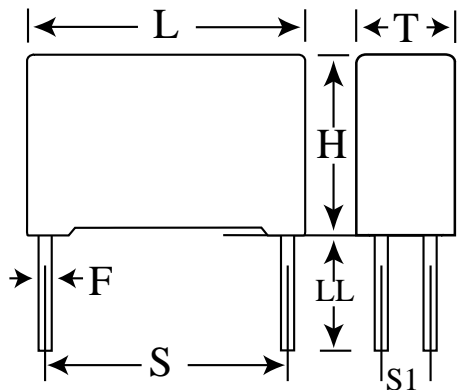


C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 12 uF, 5%, 1,300 V, 70C, Lead Spacing = 37.5mm



| 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 +/-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 |