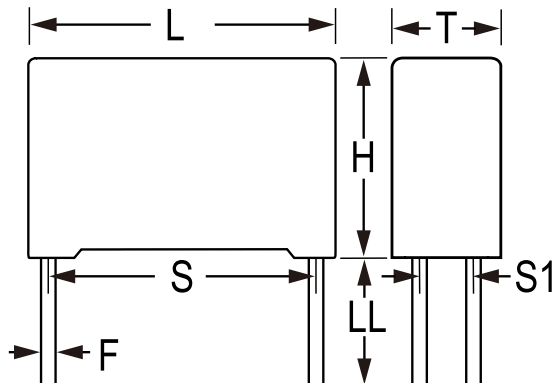


C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 40 uF, 10%, 500 VDC, 70°C, Lead Spacing = 37.5mm



| General Information | |
|---------------------|--------------------------------------|
| Series: | C4AQ |
| Dielectric: | Metallized Polypropylene |
| Style: | Radial |
| RoHS: | Yes |
| Lead: | 4 Wire Leads |
| Qualifications: | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200: | Yes |
| Miscellaneous: | Rth = 20 C/W. |

| Dimensions | |
|------------|------------------|
| L | 42mm +0.6/-0.7mm |
| H | 40mm +0.2/-0.7mm |
| T | 20mm +0.4/-0.7mm |
| S | 37.5mm +/-0.4mm |
| S1 | 10.2mm +/-0.4mm |
| LL | 6mm +0/-2mm |
| F | 1.2mm +/-0.05mm |

| Specifications | |
|------------------------|--|
| Capacitance: | 40 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 500 VDC |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 70°C |
| Dissipation Factor: | 0.02% (10 kHz 25C) |
| Insulation Resistance: | 750 MOhms |
| Max dV/dt: | 7 V/us |
| Resistance: | 3.4 mOhms (10kHz 70C) |
| Ripple Current: | 19.6 Amps Irms (10kHz 70C), 262 Amps Ipkr |
| Inductance: | 12 nH |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging: | Bulk, Box |
| Packaging Quantity: | 58 |