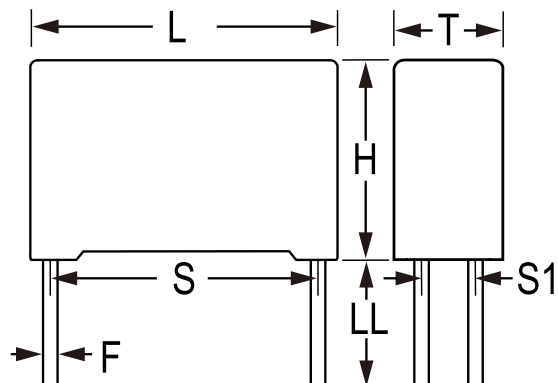


C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 12 uF, 10%, 500 VDC, 70°C, Lead Spacing = 37.5mm



### Dimensions

L	41.5mm +0.6/-0.7mm
H	15mm +0.2/-0.7mm
T	24mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	10.2mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

### Packaging Specifications

Packaging:	Bulk, Box
Packaging Quantity:	132

### 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 = 33 C/W.

### Specifications

Capacitance:	12 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:	2.5 MOhms
Max dV/dt:	6 V/us
Resistance:	10.7 mOhms (10kHz 70C)
Ripple Current:	6.1 Amps Irms (10kHz 70C), 78 Amps Ipk
Inductance:	7 nH