

C4AQLEW6180M3AK

C4AQ-M, Film, Metallized Polypropylene, Automotive DC Link, 180 uF, 10%, 500 VDC, 85°C, Lead Spacing = 52.5mm



Click [here](#) for the 3D model.

Dimensions

L	57.5mm +0.8/-0.7mm
H	56mm +0.3/-0.7mm
T	45mm +0.5/-0.7mm
S	52.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	18

General Information

Series	C4AQ-M
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Lead	4 Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Miscellaneous	Rth = 8 C/W.

Specifications

Capacitance	180 uF
Capacitance Tolerance	10%
Voltage DC	500 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.02% (10 kHz 25C)
Insulation Resistance	200 MOhms
Max dV/dt	15 V/us
Resistance	1.7 mOhms (10kHz 70C)
Ripple Current	42.6 Amps Irms (10kHz 70C), 2700 Amps Ipk
Inductance	17 nH