

C4AQNBW5140M3JJ

C4AQ-M, Film, Metallized Polypropylene, Automotive DC Link, 14 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 37.5mm



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Dimensions

L	42mm +0.6/-0.7mm
H	37mm +0.2/-0.7mm
T	28mm +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	36

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 = 18 C/W.

Specifications

Capacitance	14 uF
Capacitance Tolerance	5%
Voltage DC	1000 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.02% (10 kHz 25C)
Insulation Resistance	2.1 GOhms
Max dV/dt	37 V/us
Resistance	5.4 mOhms (10kHz 70C)
Ripple Current	16.3 Amps Irms (10kHz 70C), 518 Amps Ipk
Inductance	10 nH

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