

## C4AQNBW5120M3F J

C4AQ-M, Film, Metallized Polypropylene, Automotive DC Link, 12 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 37.5mm



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

### 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

### Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	58

### 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 = 20 C/W.

### Specifications

Capacitance	12 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	2.5 GOhms
Max dV/dt	37 V/us
Resistance	6.3 mOhms (10kHz 70C)
Ripple Current	14.4 Amps Irms (10kHz 70C), 444 Amps Ipk
Inductance	12 nH