

## C4AQLBW5900M30K

C4AQ M, Film, Metallized Polypropylene, Automotive DC Link, 90 uF, 10%, 500 VDC, 85°C, Lead Spacing = 37.5mm



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

Dimensions	
L	42mm +0.6/-0.7mm
H	50mm +0.2/-0.7mm
T	35mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Box
Packaging Quantity	30

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 = 13 C/W.

Specifications	
Capacitance	90 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	0.3 MOhms
Max dV/dt	30 V/us
Resistance	1.7 mOhms (10kHz 70C)
Ripple Current	35.1 Amps Irms (10kHz 70C), 2700 Amps Ipk
Inductance	13 nH

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