

C4AQLBU5180M1EK

C4AQ-M, Film, Metallized Polypropylene, Automotive DC Link, 18 uF, 10%, 500 VDC, 85°C, Lead Spacing = 27.5mm



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

Dimensions

L	32mm +0.5/-0.7mm
H	33mm +0.2/-0.7mm
T	18mm +0.6/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm +0/-2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	80

General Information

Series	C4AQ-M
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Miscellaneous	Rth = 27 C/W.

Specifications

Capacitance	18 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	1.7 GOhms
Max dV/dt	65 V/us
Resistance	5.3 mOhms (10kHz 70C)
Ripple Current	13.7 Amps Irms (10kHz 70C), 1170 Amps Ipk
Inductance	27 nH