

C4AQPBU4180M1XJ

C4AQ-M, Film, Metallized Polypropylene, Automotive DC Link, 1.8 uF, 5%, 1200 VDC, 85°C, Lead Spacing = 27.5mm



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

Dimensions

L	31.5mm +0.5/-0.7mm
H	25mm +0.2/-0.7mm
T	13mm +0.3/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm +0/-2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	234

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 = 36 C/W.

Specifications

Capacitance	1.8 uF
Capacitance Tolerance	5%
Voltage DC	1200 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.02% (10 kHz 25C)
Insulation Resistance	16.7 GOhms
Max dV/dt	90 V/us
Resistance	18.5 mOhms (10kHz 70C)
Ripple Current	6.3 Amps Irms (10kHz 70C), 162 Amps Ipk
Inductance	22 nH