

C4AQLU4180P12J

C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 1.8 uF, 5%, 1,100 VDC, 27.5 mm



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General Information

Series	C4AQ-P
Dielectric	Metallized Polypropylene
Style	Radial
Features	DC Filtering
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Typical Component Weight	18 g
Miscellaneous	Rth = 39 C/W.

Dimensions

L	32mm +0.5/-0.7mm
H	15mm +0.2/-0.7mm
T	24mm +0.3/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm -2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	168

Specifications

Capacitance	1.8 uF
Tolerance	5%
Voltage DC	1100 VDC
Temperature Range	-55/+125°C
Insulation Resistance	16.67 GOhms
Max dV/dt	80 V/us
ESR	20.68 mOhms (10kHz 70C)
Ripple Current	6 Amps Irms (10kHz 75C), 144 Amps Ipk
Inductance	13 nH

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