

C4AQLBU5100A1XK

C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 10 uF, 10%, 500 VDC, 70°C, 27.5 mm



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General Information

Series	C4AQ
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Typical Component Weight	12.2 g
Miscellaneous	Rth = 36 C/W.

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

Specifications

Capacitance	10 uF
Tolerance	10%
Voltage DC	500 VDC
Temperature Range	-55/+105°C
Rated Temperature	70°C
Insulation Resistance	3 GOhms
Max dV/dt	10 V/us
ESR	7.8 mOhms (10kHz 70C)
Ripple Current	9.6 Amps Irms (10kHz 70C), 96 Amps Ipk
Inductance	22 nH

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