

C4AQLBU5250A12K

C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 25 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	29.7 g
Miscellaneous	Rth = 23 C/W.

Dimensions

L	31.5mm +0.5/-0.7mm
H	37mm +0.2/-0.7mm
T	22mm +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	64

Specifications

Capacitance	25 uF
Tolerance	10%
Voltage DC	500 VDC
Temperature Range	-55/+105°C
Rated Temperature	70°C
Insulation Resistance	1.2 GOhms
Max dV/dt	10 V/us
ESR	4.4 mOhms (10kHz 70C)
Ripple Current	16 Amps Irms (10kHz 70C), 245 Amps Ipk
Inductance	28 nH

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