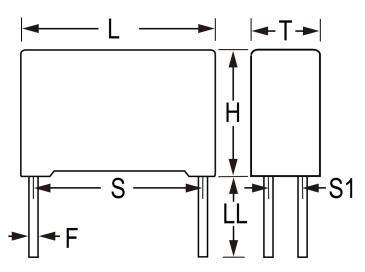


## C4AQLBW5500A3JK

C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 50 uF, 10%, 500 VDC, 70°C, 37.5mm



Click here for the 3D model.

Dimensions	
L	42mm +0.6/-0.7mm
Н	37mm +0.2/-0.7mm
Т	28mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	10.2mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Box	
Packaging Quantity	36	

General Information	
Series	C4AQ
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Lead	4 Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Typical Component Weight	54.8 g
Miscellaneous	Rth = 18 C/W.

Specifications		
Capacitance	50 uF	
Capacitance Tolerance	10%	
Voltage DC	500 VDC	
Temperature Range	-55/+105°C	
Rated Temperature	70°C	
Insulation Resistance	600 MOhms	
Max dV/dt	7 V/us	
ESR	2.8 mOhms (10kHz 70C)	
Ripple Current	22.8 Amps Irms (10kHz 70C), 332 Amps Ipkr	
Inductance	10 nH	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.