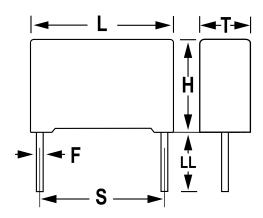
## **KEMET Part Number: C4AQLBU5100A1XK**



## C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 10 uF, 10%, 500 VDC, 70C, Lead Spacing = 27.5mm



Dimensions		
L	31.5mm +/-0.5mm	
Н	25mm +/-0.2mm	
Т	13mm +/-0.3mm	
S	27.5mm +/-0.4mm	
LL	6mm +0/-2mm	
F	0.8mm +/-0.05mm	

Packaging Specifications		
Packaging:	Bulk, Box	
Packaging Quantity:	234	

General Information		
Supplier:	KEMET	
Series:	C4AQ	
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:	10 uF	
Capacitance Tolerance:	10%	
Voltage DC:	500 VDC	
Temperature Range:	-40/+105C	
Rated Temperature:	70C	
Dissipation Factor:	0.02% (10 kHz 25C)	
Insulation Resistance:	3 Ohms	
Max dV/dt:	10 V/us	
Resistance:	8.1 mOhms (10kHz 70C)	
Ripple Current:	6.5 Amps Irms (10kHz 70C), 96 Amps Ipkr	
Inductance:	25 nH	

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