## KEMET Part Number: C4AQSBU4100A1WJ



C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 1 uF, 5%, 1500 VDC, 70C, Lead Spacing = 27.5mm



Dimensions	
L	31.5mm +/-0.5mm
Н	20mm +/-0.2mm
Т	11mm +/-0.3mm
S	27.5mm +/-0.4mm
LL	6mm +0/-2mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging:	Bulk, Box	
Packaging Quantity:	256	

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 = 44 C/W	

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	5%	
Voltage DC:	1500 VDC	
Temperature Range:	-40/+105C	
Rated Temperature:	70C	
Dissipation Factor:	0.02% (10 kHz 25C)	
Insulation Resistance:	30 Ohms	
Max dV/dt:	31 V/us	
Resistance:	25.7 mOhms (10kHz 70C)	
Ripple Current:	3.5 Amps Irms (10kHz 70C), 31 Amps Ipkr	
Inductance:	24 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.

