KEMET Part Number: C4AQUBU4180A1XJ



C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 1.8 uF, 5%, 1,300 V, 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:	1.8 uF
Capacitance Tolerance:	5%
Voltage DC:	1300 VDC
Temperature Range:	-40/+105C
Rated Temperature:	70C
Dissipation Factor:	0.02% (10 kHz 25C)
Insulation Resistance:	16.66667 Ohms
Max dV/dt:	29 V/us
Resistance:	19.1 mOhms (10kHz 70C)
Current:	4.5 Amps Irms (10kHz 70C), 52 Amps Ipkr
Inductance:	25 nH

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