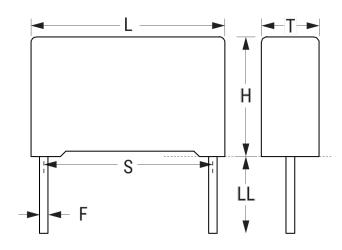


C4AQLBU5125A1YK

C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 12.5 uF, 10%, 500 VDC, 70°C, Lead Spacing = 27.5mm



Click here for the 3D model.

Dimensions	,
L	31.5mm +0.5/-0.7mm
Н	28mm +0.2/-0.7mm
Т	14mm +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	96	

General Information		
Series	C4AQ	
Dielectric	Metallized Polypropylene	
Style	Radial	
RoHS	Yes	
Lead	Wire Leads	
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560	
AEC-Q200	Yes	
Component Weight	14.9 g	
Miscellaneous	Rth = 33 C/W.	

Specifications	
Capacitance	12.5 uF
Capacitance Tolerance	10%
Voltage DC	500 VDC
Temperature Range	-55/+105°C
Rated Temperature	70°C
Insulation Resistance	2.4 GOhms
Max dV/dt	10 V/us
Resistance	6.7 mOhms (10kHz 70C)
Ripple Current	11 Amps Irms (10kHz 70C), 122 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.