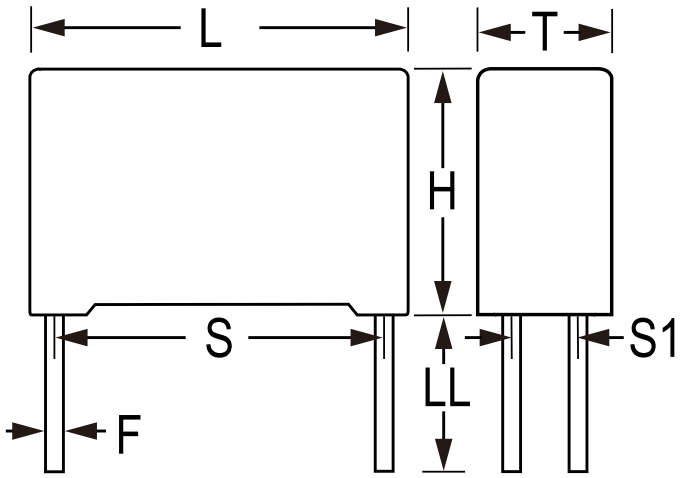
C4AQCBW5500A3OJ

C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 50 uF, 5%, 650 VDC, 70°C, 37.5 mm



Click here for the 3D model.

General Information	
Series	C4AQ
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Lead	4 Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
Typical Component Weight	92.8 g
Miscellaneous	Rth = 13 C/W.

Dimensions	
L	42mm +0.6/-0.7mm
H	50mm +0.2/-0.7mm
T	35mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Box
Packaging Quantity	30

Specifications	
Capacitance	50 uF
Tolerance	5%
Voltage DC	650 VDC
Temperature Range	-55/+105°C
Rated Temperature	70°C
Insulation Resistance	600 MOhms
Max dV/dt	9 V/us
ESR	2.3 mOhms (10kHz 70C)
Ripple Current	29.9 Amps Irms (10kHz 70C), 430 Amps Ipkr
Inductance	14 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.

© 2006 - 2026 YAGEO