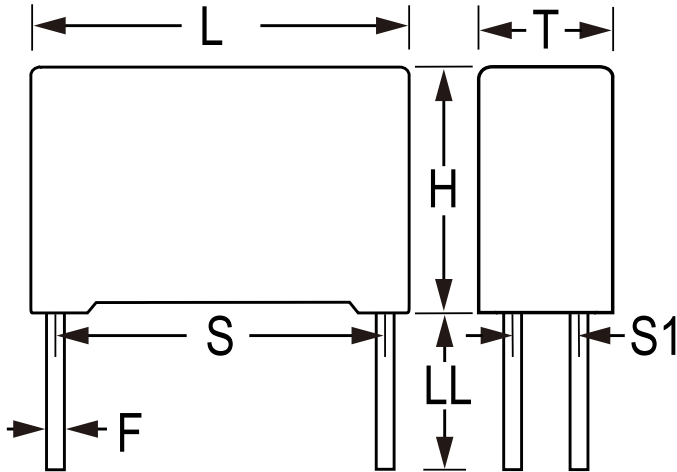


## C4AQGEW6170P3AK

C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 170 uF, 10%, 450 VDC, 52.5 mm



Click [here](#) for the 3D model.

### General Information

Series	C4AQ-P
Dielectric	Metallized Polypropylene
Style	Radial
Features	DC Filtering
RoHS	Yes
Lead	4 Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Typical Component Weight	193.5 g
Miscellaneous	Rth = 8 C/W.

### Specifications

Capacitance	170 uF
Tolerance	10%
Voltage DC	450 VDC
Temperature Range	-55/+125°C
Insulation Resistance	180 MOhms
Max dV/dt	15 V/us
ESR	1.98 mOhms (10kHz 70C)
Ripple Current	41.6 Amps Irms (10kHz 75C), 2550 Amps Ipk
Inductance	17 nH

### Dimensions

L	57.5mm +0.8/-0.7mm
H	56mm +0.3/-0.7mm
T	45mm +0.5/-0.7mm
S	52.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm -2mm
F	1.2mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	18

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.