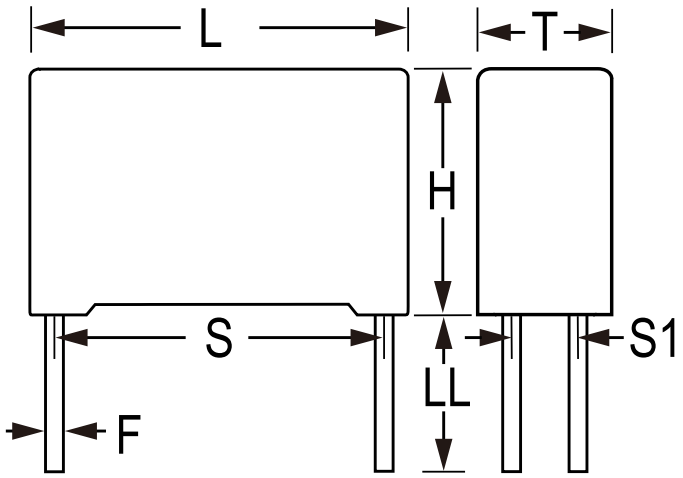
C4AQHLW5300P38K

C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 30 uF, 10%, 600 VDC, 37.5 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	64.6 g
Miscellaneous	Rth = 19 C/W.

Dimensions	
L	42mm +0.6/-0.7mm
H	25mm +0.2/-0.7mm
T	43mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm -2mm
F	1.2mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Box
Packaging Quantity	48

Specifications	
Capacitance	30 uF
Tolerance	10%
Voltage DC	600 VDC
Temperature Range	-55/+125°C
Insulation Resistance	1 GOhms
Max dV/dt	30 V/us
ESR	3.96 mOhms (10kHz 70C)
Ripple Current	19.5 Amps Irms (10kHz 75C), 900 Amps Ipkr
Inductance	9.3 nH

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