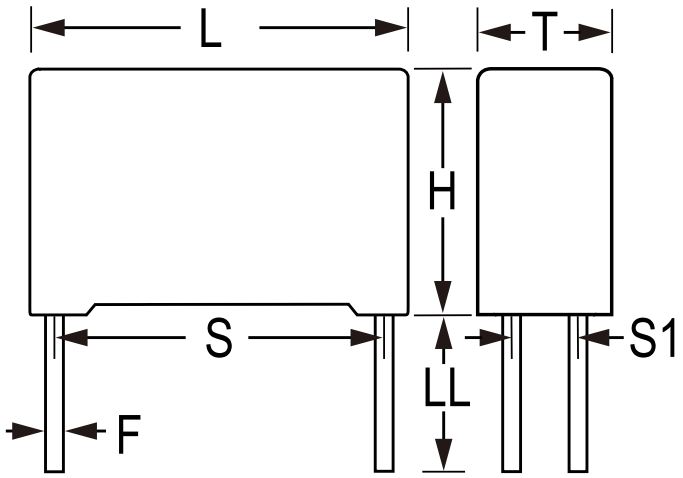
C4AQLLW5450A38K

C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 45 uF, 10%, 500 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	66 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 +0/-2mm
F	1.2mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Box
Packaging Quantity	48

Specifications	
Capacitance	45 uF
Tolerance	10%
Voltage DC	500 VDC
Temperature Range	-55/+105°C
Rated Temperature	70°C
Insulation Resistance	670 MOhms
Max dV/dt	7 V/us
ESR	3 mOhms (10kHz 70C)
Ripple Current	21.4 Amps Irms (10kHz 70C), 294 Amps Ipkr
Inductance	9 nH

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