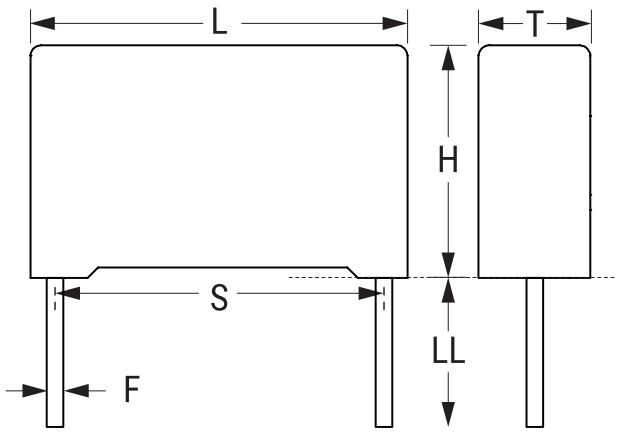
C4AQNLU4170M11J

C4AQ-M, Film, Metallized Polypropylene, Automotive DC Link, 1.7 uF, 5%, 1,000 VDC, 85°C, 27.5 mm



Click here for the 3D model.

General Information	
Series	C4AQ-M
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Typical Component Weight	13.4 g
Miscellaneous	Rth = 46 C/W.

Dimensions	
L	32mm +0.5/-0.7mm
H	12.5mm +0.2/-0.7mm
T	21mm +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	192

Specifications	
Capacitance	1.7 uF
Tolerance	5%
Voltage DC	1000 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	17.6 GOhms
Max dV/dt	75 V/us
ESR	23 mOhms (10kHz 70C)
Ripple Current	5 Amps Irms (10kHz 70C), 127.5 Amps Ipkr
Inductance	11 nH

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