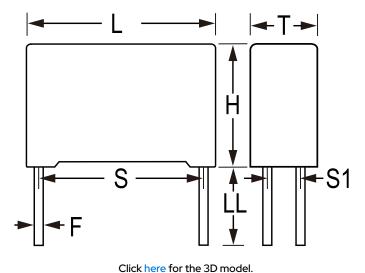




C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 12 uF, 5%, 1,100 VDC, 37.5 mm



**General Information** C4AQ-P Series 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** 80.3 g Rth = 15 C/W. Miscellaneous

Dimensions		s
L	42mm +0.6/-0.7mm	C
н	45mm +0.2/-0.7mm	Т
т	30mm +0.4/-0.7mm	V
S	37.5mm +/-0.4mm	т
S1	20.3mm +/-0.4mm	Ir
LL	6mm -2mm	Ν
F	1.2mm +/-0.05mm	E

## **Packaging Specifications**

Packaging	Bulk, Box
Packaging Quantity	36

Specifications	
Capacitance	12 uF
Tolerance	5%
Voltage DC	1100 VDC
Temperature Range	-55/+125°C
Insulation Resistance	2.5 GOhms
Max dV/dt	40 V/us
ESR	5.83 mOhms (10kHz 70C)
Ripple Current	18.1 Amps Irms (10kHz 75C), 480 Amps Ipkr
Inductance	13 nH

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