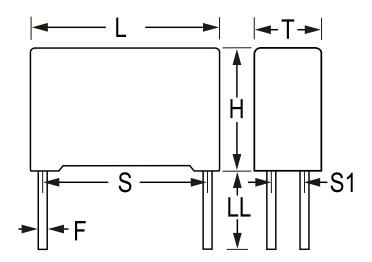




C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 12 uF, 10%, 450 VDC, 37.5 mm



Click	here :	for t	he 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	23.8 g
Miscellaneous	Rth = 33 C/W.

Dimensions	
L	41.5mm +0.6/-0.7mm
Н	15mm +0.2/-0.7mm
Т	24mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	10.2mm +/-0.4mm
TL	6mm -2mm
F	1.2mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Box
Packaging Quantity	132

Specifications	
Capacitance	12 uF
Tolerance	10%
Voltage DC	450 VDC
Temperature Range	-55/+125°C
Insulation Resistance	2.5 GOhms
Max dV/dt	30 V/us
ESR	11.77 mOhms (10kHz 70C)
Ripple Current	8.6 Amps Irms (10kHz 75C), 360 Amps Ipkr
Inductance	7.3 nH

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.

Generated 07/02/2025 © 2006 - 2025 YAGEO