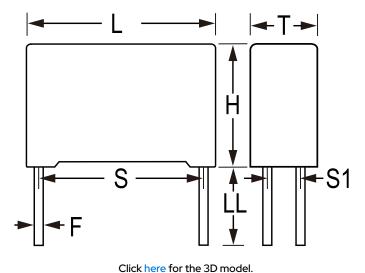


C4AQGBW5700P3LK

C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 70 uF, 10%, 450 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

nensions		Specificatio
	42mm +0.6/-0.7mm	Capacitance
	45mm +0.2/-0.7mm	Tolerance
	30mm +0.4/-0.7mm	Voltage DC
	37.5mm +/-0.4mm	Temperature
	20.3mm +/-0.4mm	Insulation Re
	6mm -2mm	Max dV/dt
	1.2mm +/-0.05mm	ESR

## **Packaging Specifications**

Dim L T S S1 LL F

Packaging	Bulk, Box
Packaging Quantity	36

Specifications	
Capacitance	70 uF
Tolerance	10%
Voltage DC	450 VDC
Temperature Range	-55/+125°C
Insulation Resistance	430 MOhms
Max dV/dt	30 V/us
ESR	2.31 mOhms (10kHz 70C)
Ripple Current	29.1 Amps Irms (10kHz 75C), 2100 Amps Ipkr
Inductance	13 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.