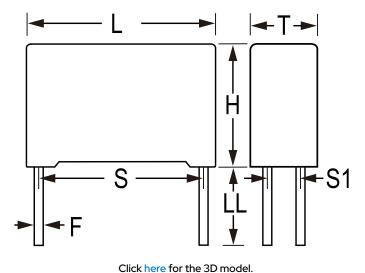


C4AQGBW5500P3JK

C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 50 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** 63.2 g Rth = 18 C/W. Miscellaneous

Dimensions		S
L	42mm +0.6/-0.7mm	С
н	37mm +0.2/-0.7mm	То
т	28mm +0.4/-0.7mm	V
S	37.5mm +/-0.4mm	Te
S1	10.2mm +/-0.4mm	In
LL	6mm -2mm	Μ
F	1.2mm +/-0.05mm	E

## **Packaging Specifications**

Packaging	Bulk, Box
Packaging Quantity	36

Specifications	
Capacitance	50 uF
Tolerance	10%
Voltage DC	450 VDC
Temperature Range	-55/+125°C
Insulation Resistance	600 MOhms
Max dV/dt	30 V/us
ESR	3.08 mOhms (10kHz 70C)
Ripple Current	22.8 Amps Irms (10kHz 75C), 1500 Amps Ipkr
Inductance	10 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.