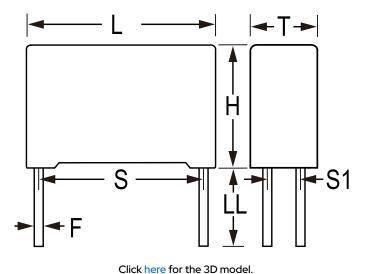




C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 7.5 uF, 5%, 600 VDC, 37.5 mm



**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** 23.8 g Rth = 33 C/W. Miscellaneous

nensions		Specificatio
	41.5mm +0.6/-0.7mm	Capacitance
	15mm +0.2/-0.7mm	Tolerance
	24mm +0.4/-0.7mm	Voltage DC
	37.5mm +/-0.4mm	Temperatur
	10.2mm +/-0.4mm	Insulation R
	6mm -2mm	Max dV/dt
	1.2mm +/-0.05mm	ESR

## Packaging Specifications

Dim L T S S1 LL F

Packaging	Bulk, Box
Packaging Quantity	132

Specifications	
Capacitance	7.5 uF
Tolerance	5%
Voltage DC	600 VDC
Temperature Range	-55/+125°C
Insulation Resistance	4 GOhms
Max dV/dt	30 V/us
ESR	15.18 mOhms (10kHz 70C)
Ripple Current	7.6 Amps Irms (10kHz 75C), 225 Amps Ipkr
Inductance	7.3 nH

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