

C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 50 uF, 10%, 500 VDC, 70°C, Lead Spacing = 37.5mm



General Information	
Supplier:	KEMET
Series:	C4AQ
Dielectric:	Metallized Polypropylene
Style:	Radial
RoHS:	Yes
Lead:	4 Wire Leads
Qualifications:	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200:	Yes
Miscellaneous:	Rth = 18 C/W

Dimensions	
L	42mm +/-0.6mm
H	37mm +/-0.2mm
T	28mm +/-0.4mm
S	37.5mm +/-0.4mm
S1	10.2mm +/-0.4mm
LL	6mm +/-0.2mm
F	1.2mm +/-0.05mm

Specifications	
Capacitance:	50 uF
Capacitance Tolerance:	10%
Voltage DC:	500 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	70°C
Dissipation Factor:	0.02% (10 kHz 25C)
Insulation Resistance:	600 mOhms
Max dV/dt:	7 V/us
Resistance:	2.8 mOhms (10kHz 70C)
Ripple Current:	16 Amps Irms (10kHz 70C), 332 Amps Ipk
Inductance:	30 nH

Packaging Specifications	
Packaging:	Bulk, Box
Packaging Quantity:	36