

C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 40 uF, 5%, 800 VDC, 70°C, Lead Spacing = 37.5mm



General Information	
Series:	C4AQ
Dielectric:	Metallized Polypropylene
Style:	Radial
RoHS:	Yes
Lead:	4 Wire Leads
Qualifications:	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200:	Yes
Miscellaneous:	Rth = 13 C/W.

Dimensions	
L	42mm +0.6/-0.7mm
H	50mm +0.2/-0.7mm
T	35mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

Specifications	
Capacitance:	40 uF
Capacitance Tolerance:	5%
Voltage DC:	800 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	70°C
Dissipation Factor:	0.02% (10 kHz 25C)
Insulation Resistance:	750 MOhms
Max dV/dt:	13 V/us
Resistance:	2.5 mOhms (10kHz 70C)
Ripple Current:	28.7 Amps Irms (10kHz 70C), 524 Amps Ipkr
Inductance:	14 nH

Packaging Specifications	
Packaging:	Bulk, Box
Packaging Quantity:	30