



Click [here](#) for the 3D model.

### Dimensions

L	42mm +0.6/-0.7mm
H	40mm +0.2/-0.7mm
T	20mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	10.2mm +/-0.4mm
LL	6mm -2mm
F	1.2mm NOM
G	0.5mm NOM

### Packaging Specifications

Packaging Bulk, Box

### General Information

Series	C4AE
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Termination	Tin
Lead	4 Wire Leads
AEC-Q200	No
Component Weight	40.1g
Miscellaneous	Thermal Resistance = 20 C/W.
Notes	Not for new design – the replacement series is: C4AQ.

### Specifications

Capacitance	40 uF
Capacitance Tolerance	10%
Voltage DC	450 VDC
Temperature Range	-40/+85°C
Rated Temperature	85°C
Insulation Resistance	750 MOhms
Max dV/dt	7 V/us
Resistance	3.5 mOhms (10kHz 70C)
Ripple Current	13.5 Amps (10kHz 70C), 262 Amps (Peak)
Inductance	30 nH