



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

### Dimensions

L	31.5mm +0.5/-0.7mm
H	20mm +0.2/-0.7mm
T	11mm +0.3/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm -2mm
F	0.8mm NOM
G	0.5mm NOM

### Packaging Specifications

Packaging Bulk, Box

### General Information

Series	C4AE
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Termination	Tin
Lead	Wire Leads
AEC-Q200	No
Component Weight	7.8 g
Miscellaneous	Thermal Resistance = 44 C/W.
Notes	Not for new design – the replacement series is: C4AQ.

### Specifications

Capacitance	4.5 uF
Capacitance Tolerance	5%
Voltage DC	450 VDC
Temperature Range	-40/+85°C
Rated Temperature	85°C
Insulation Resistance	6.67 GOhms
Max dV/dt	14 V/us
Resistance	14.2 mOhms (10kHz 70C)
Ripple Current	4.5 Amps (10kHz 70C), 65 Amps (Peak)
Inductance	25 nH