



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

### Dimensions

L	31.5mm +0.5/-0.7mm
H	25mm +0.2/-0.7mm
T	13mm +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
Typical Component Weight	16 g
Miscellaneous	Thermal Resistance = 36 C/W.
Notes	Not for new design - the replacement series is: C4AQ.

### Specifications

Capacitance	6.8 uF
Capacitance Tolerance	5%
Voltage DC	450 VDC
Temperature Range	-40/+85°C
Rated Temperature	85°C
Insulation Resistance	4.41 GOhms
Max dV/dt	15 V/us
ESR	10 mOhms (10kHz 70C)
Ripple Current	6 Amps (10kHz 70C), 101 Amps (Peak)
Inductance	25 nH