



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

Dimensions	
L	31.5mm +0.5/-0.7mm
H	28mm +0.2/-0.7mm
T	14mm +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	14.9 g
Miscellaneous	Thermal Resistance = 33 C/W.
Notes	Not for new design – the replacement series is: C4AQ.

Specifications	
Capacitance	12.5 uF
Capacitance Tolerance	10%
Voltage DC	450 VDC
Temperature Range	-40/+85°C
Rated Temperature	85°C
Insulation Resistance	2.4 GOhms
Max dV/dt	10 V/us
Resistance	6.8 mOhms (10kHz 70C)
Ripple Current	7.5 Amps (10kHz 70C), 122 Amps (Peak)
Inductance	26 nH