

C4AE, Film, Metallized Polypropylene, DC Link, 6.8 uF, 5%, 450 VDC, 70°C, Lead Spacing = 27.5mm



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
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General Information

Series:	C4AE
Dielectric:	Metallized Polypropylene
Style:	Radial
RoHS:	Yes
Termination:	Tin
Lead:	Wire Leads
AEC-Q200:	No
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:	70°C
Insulation Resistance:	4.41 GOhms
Max dV/dt:	15 V/us
Resistance:	10 mOhms (10kHz 70C)
Ripple Current:	6 Amps (10kHz 70C), 101 Amps (Peak)
Inductance:	25 nH