

## C4AEGBW5500A3LJ

Not for New Design

C4AE, Film, Metallized Polypropylene, DC Link, 50 uF, 5%, 450 VDC, 85°C, 37.5mm



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

### Dimensions

L	42mm +0.6/-0.7mm
H	45mm +0.2/-0.7mm
T	30mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	20.3mm +/-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
Typical Component Weight	67.8 g
Miscellaneous	Thermal Resistance = 15 C/W.
Notes	Not for new design - the replacement series is: C4AQ.

### Specifications

Capacitance	50 uF
Capacitance Tolerance	5%
Voltage DC	450 VDC
Temperature Range	-40/+85°C
Rated Temperature	85°C
Insulation Resistance	600 MOhms
Max dV/dt	10 V/us
ESR	2.5 mOhms (10kHz 70C)
Ripple Current	18 Amps (10kHz 70C), 508 Amps (Peak)
Inductance	30 nH

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