

C4AE, Film, Metallized Polypropylene, DC Link, 50 uF, 5%, 450 VDC, 70°C, Lead Spacing = 37.5mm



**Dimensions**

L	42mm +0.6mm
H	45mm +0.2mm
T	30mm +0.4mm
S	37.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm -2mm
F	1.2mm NOM
G	0.5mm NOM

**Packaging Specifications**

<b>Packaging:</b>	Bulk, Box
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**General Information**

<b>Supplier:</b>	KEMET
<b>Series:</b>	C4AE
<b>Dielectric:</b>	Metallized Polypropylene
<b>Style:</b>	Radial
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Lead:</b>	4 Wire Leads
<b>Miscellaneous:</b>	Thermal Resistance = 15 C/W

**Specifications**

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