

C4AE, Film, Metallized Polypropylene, DC Link, 30 uF, 5%, 700 VDC, 70°C, Lead Spacing = 37.5mm



**Dimensions**

<b>L</b>	42mm +0.6mm
<b>H</b>	45mm +0.2mm
<b>T</b>	30mm +0.4mm
<b>S</b>	37.5mm +/-0.4mm
<b>S1</b>	20.3mm +/-0.4mm
<b>LL</b>	6mm -2mm
<b>F</b>	1.2mm NOM
<b>G</b>	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>	30 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	700 VDC
<b>Temperature Range:</b>	-40/+85C
<b>Rated Temperature:</b>	70°C
<b>Max dV/dt:</b>	13 V/us
<b>Resistance:</b>	3.2 mOhms (10kHz 70C)
<b>Ripple Current:</b>	16.5 Amps (10kHz 70C), 389 Amps (Peak)
<b>Inductance:</b>	30 nH