

C4AF, Film, Metallized Polypropylene, Power, 6.8 uF, 10%, 250 VAC, 500 VDC, 85C, Lead Spacing = 27.5mm



**Dimensions**

L	31.5mm +0.5mm
H	37mm +0.2mm
T	22mm +0.3mm
S	27.5mm +/-0.4mm
LL	6mm +0/-2mm
F	0.8mm +/-0.05mm

**Packaging Specifications**

<b>Packaging:</b>	Bulk, Box
<b>Packaging Quantity:</b>	64

**General Information**

<b>Supplier:</b>	KEMET
<b>Series:</b>	C4AF
<b>Dielectric:</b>	Metallized Polypropylene
<b>Style:</b>	Radial
<b>Features:</b>	Harsh Environmental Conditions
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Qualifications:</b>	AEC-Q200, IEC61071, EN61071, VDE0560
<b>AEC-Q200:</b>	Yes
<b>Miscellaneous:</b>	Rth = 23 C/W

**Specifications**

<b>Capacitance:</b>	6.8 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage AC:</b>	250 VAC
<b>Voltage DC:</b>	500 VDC
<b>Temperature Range:</b>	-55/+105C
<b>Rated Temperature:</b>	85C
<b>Dissipation Factor:</b>	0.07% MAX
<b>Max dV/dt:</b>	38 V/us
<b>Resistance:</b>	6.6 mOhms
<b>Ripple Current:</b>	12.1 Amps Irms (MAX), 259 Amps Ipk
<b>Inductance:</b>	28 nH (ESL)