

C4AF, Film, Metallized Polypropylene, Power, 3.3 uF, 10%, 310 VAC, 630 VDC, 85°C, Lead Spacing = 27.5mm



### General Information

<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 = 29 C/W.

### Dimensions

<b>L</b>	31.5mm +0.5/-0.7mm
<b>H</b>	29mm +0.2/-0.7mm
<b>T</b>	19mm +0.3/-0.7mm
<b>S</b>	27.5mm +/-0.4mm
<b>LL</b>	6mm +0/-2mm
<b>F</b>	0.8mm +/-0.05mm

### Packaging Specifications

<b>Packaging:</b>	Bulk, Box
<b>Packaging Quantity:</b>	72

### Specifications

<b>Capacitance:</b>	3.3 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage AC:</b>	310 VAC
<b>Voltage DC:</b>	630 VDC
<b>Temperature Range:</b>	-55/+105°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	0.07% MAX
<b>Insulation Resistance:</b>	9.09 GOhms
<b>Max dV/dt:</b>	45 V/us
<b>Resistance:</b>	8.6 mOhms
<b>Ripple Current:</b>	9 Amps Irms (MAX), 149 Amps Ipk
<b>Inductance:</b>	25 nH (ESL)