

C4AF, Film, Metallized Polypropylene, Power, 1 uF, 10%, 400 VAC, 800 VDC, 85°C, Lead Spacing = 27.5mm

**Dimensions**

L	31.5mm +0.5mm
H	28mm +0.2mm
T	14mm +0.3mm
S	27.5mm +/-0.4mm
LL	6mm +0/-2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging:	Bulk, Box
Packaging Quantity:	96

General Information

Series:	C4AF
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Harsh Environmental Conditions
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200:	Yes
Miscellaneous:	Rth = 33 C/W.

Specifications

Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage AC:	400 VAC
Voltage DC:	800 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.07% MAX
Insulation Resistance:	30 MOhms
Max dV/dt:	141 V/us
Resistance:	9.8 mOhms
Ripple Current:	6.5 Amps Irms (MAX), 141 Amps Ipk
Inductance:	26 nH (ESL)