



Click [here](#) for the 3D model.

### Dimensions

L	31.5mm +0.5/-0.7mm
H	20mm +0.2/-0.7mm
T	11mm +0.3/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm +0/-2mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	256

### 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
Typical Component Weight	8.8 g
Miscellaneous	Rth = 44 C/W.

### Specifications

Capacitance	1 uF
Capacitance Tolerance	10%
Voltage DC	500 VDC
Voltage AC	250 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	30 GOhms
Max dV/dt	38 V/us
ESR	22 mOhms
Ripple Current	4.5 Amps Irms (MAX), 38 Amps Ipk
Inductance	24 nH (ESL)