



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

### Dimensions

L	31.5mm +0.5/-0.7mm
H	37mm +0.2/-0.7mm
T	22mm +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	64

### 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
Component Weight	33.2 g
Miscellaneous	Rth = 23 C/W.

### Specifications

Capacitance	6.8 uF
Capacitance Tolerance	10%
Voltage AC	250 VAC
Voltage DC	500 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	4.41 GOhms
Max dV/dt	38 V/us
Resistance	6.6 mOhms
Ripple Current	12.1 Amps Irms (MAX), 259 Amps Ipk
Inductance	28 nH (ESL)