



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

### Dimensions

L	42mm +/-1mm
H	44mm +/-1mm
T	24mm +/-1mm
S	37.5mm +/-0.4mm
S1	10.2mm +/-0.4mm
LL	6mm -2mm
F	1.2mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	44

### General Information

Series	C4AK
Dielectric	Metallized Polypropylene
Style	Radial
Features	DC Filtering
RoHS	Yes
Lead	4 Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Component Weight	75.5 g
Miscellaneous	Rth = 17 C/W.

### Specifications

Capacitance	22 uF
Capacitance Tolerance	5%
Voltage DC	700 VDC
Temperature Range	-55/+135°C
Insulation Resistance	1.36 GOhms
Max dV/dt	20 V/us
Resistance	4.7 mOhms (10kHz 70C)
Ripple Current	16.6 Amps Irms (10kHz 95C), 440 Amps Ipk
Inductance	12 nH