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### Dimensions

L	57.5mm +/-1.2mm
H	56mm +/-1.2mm
T	45mm +/-1.2mm
S	52.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm -2mm
F	1.2mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	18

### General Information

Series	C4AU
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	195.3 g
Miscellaneous	Rth = 8 C/W.

### Specifications

Capacitance	50 uF
Capacitance Tolerance	5%
Voltage DC	1000 VDC
Temperature Range	-55/+105°C
Insulation Resistance	600 MOhms
Max dV/dt	17 V/us
Resistance	3.3 mOhms (10kHz 70C)
Ripple Current	31.2 Amps Irms (10kHz 95C), 850 Amps Ipk
Inductance	17 nH