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Dimensions

L	42mm +/-1mm
H	45mm +/-1mm
T	30mm +/-1mm
S	37.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm -2mm
F	1.2mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	36

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	96.5 g
Miscellaneous	Rth = 15 C/W.

Specifications

Capacitance	30 uF
Capacitance Tolerance	5%
Voltage DC	700 VDC
Temperature Range	-55/+135°C
Insulation Resistance	1 GOhms
Max dV/dt	20 V/us
Resistance	3.2 mOhms (10kHz 70C)
Ripple Current	21.5 Amps Irms (10kHz 95C), 600 Amps Ipk
Inductance	13 nH