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Dimensions

L	32mm +/-0.7mm
H	20mm +/-0.7mm
T	11mm +/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm -2mm
F	1.2mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	256

General Information

Series	C4AK
Dielectric	Metallized Polypropylene
Style	Radial
Features	DC Filtering
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Component Weight	13.2 g
Miscellaneous	Rth = 44 C/W.

Specifications

Capacitance	1.8 uF
Capacitance Tolerance	5%
Voltage DC	700 VDC
Temperature Range	-55/+135°C
Insulation Resistance	16.667 GOhms
Max dV/dt	40 V/us
Resistance	28.5 mOhms (10kHz 70C)
Ripple Current	4.2 Amps Irms (10kHz 95C), 72 Amps Ipk
Inductance	17 nH