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Dimensions

L	32mm +/-0.7mm
H	29mm +/-0.7mm
T	19mm +/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm -2mm
F	1.2mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	72

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	31 g
Miscellaneous	Rth = 29 C/W.

Specifications

Capacitance	8 uF
Capacitance Tolerance	5%
Voltage DC	700 VDC
Temperature Range	-55/+135°C
Insulation Resistance	3.75 GOhms
Max dV/dt	40 V/us
Resistance	8.03 mOhms (10kHz 70C)
Ripple Current	9.7 Amps Irms (10kHz 95C), 320 Amps Ipk
Inductance	25 nH