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Dimensions

L	31.5mm +0.5/-0.7mm
H	28mm +0.2/-0.7mm
T	14mm +0.3/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm -2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	96

General Information

Series	C4AQ-P
Dielectric	Metallized Polypropylene
Style	Radial
Features	DC Filtering
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Typical Component Weight	18.6 g
Miscellaneous	Rth = 33 C/W.

Specifications

Capacitance	7 uF
Capacitance Tolerance	5%
Voltage DC	600 VDC
Temperature Range	-55/+125°C
Insulation Resistance	4.29 GOhms
Max dV/dt	65 V/us
ESR	9.9 mOhms (10kHz 70C)
Ripple Current	9.5 Amps Irms (10kHz 75C), 455 Amps Ipk
Inductance	24 nH