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Dimensions

L	31.5mm +0.5/-0.7mm
H	20mm +0.2/-0.7mm
T	11mm +0.3/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm +0/-2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	256

General Information

Series	C4AF
Dielectric	Metallized Polypropylene
Style	Radial
Features	Harsh Environmental Conditions
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Typical Component Weight	11 g
Miscellaneous	Rth = 44 C/W.

Specifications

Capacitance	1 uF
Capacitance Tolerance	10%
Voltage DC	630 VDC
Voltage AC	310 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	30 GOhms
Max dV/dt	40 V/us
ESR	1 mOhms
Ripple Current	3.5 Amps Irms (MAX), 40 Amps Ipk
Inductance	22.1 nH (ESL)