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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	C4AQ
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Typical Component Weight	8.1g
Miscellaneous	Rth = 44 C/W.

### Specifications

Capacitance	5.6 uF
Capacitance Tolerance	10%
Voltage DC	500 VDC
Temperature Range	-55/+105°C
Rated Temperature	70°C
Insulation Resistance	5.36 GOhms
Max dV/dt	10 V/us
ESR	12.7 mOhms (10kHz 70C)
Ripple Current	6.8 Amps Irms (10kHz 70C), 54 Amps Ipkr
Inductance	17 nH