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General Information

Series	C4AQ
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Lead	4 Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Typical Component Weight	41.2 g
Miscellaneous	$R_{th} = 20 \text{ C/W}$.

Dimensions

L	42mm +0.6/-0.7mm
H	40mm +0.2/-0.7mm
T	20mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	10.2mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

Specifications

Capacitance	6 uF
Tolerance	5%
Voltage DC	1500 VDC
Temperature Range	-55/+105°C
Rated Temperature	70°C
Insulation Resistance	5 GOhms
Max dV/dt	22 V/us
ESR	9.4 mOhms (10kHz 70C)
Ripple Current	11.8 Amps Irms (10kHz 70C), 132 Amps Ipkr
Inductance	12 nH

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	58

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