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General Information

Series	C4AQ-P
Dielectric	Metallized Polypropylene
Style	Radial
Features	DC Filtering
RoHS	Yes
Lead	4 Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
Typical Component Weight	63.2 g
Miscellaneous	$R_{th} = 18 \text{ C/W.}$

Dimensions

L	42mm +0.6/-0.7mm
H	37mm +0.2/-0.7mm
T	28mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	10.2mm +/-0.4mm
LL	6mm -2mm
F	1.2mm +/-0.05mm

Specifications

Capacitance	50 uF
Tolerance	10%
Voltage DC	450 VDC
Temperature Range	-55/+125°C
Insulation Resistance	600 MOhms
Max dV/dt	30 V/us
ESR	3.08 mOhms (10kHz 70C)
Ripple Current	22.8 Amps Irms (10kHz 75C), 1500 Amps Ipkr
Inductance	10 nH

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	36

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