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General Information

Series	C4AQ-P
Dielectric	Metallized Polypropylene
Style	Radial
Features	DC Filtering
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
Typical Component Weight	18 g
Miscellaneous	$R_{th} = 39 \text{ C/W.}$

Dimensions

L	32mm +0.5/-0.7mm
H	15mm +0.2/-0.7mm
T	24mm +0.3/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm -2mm
F	0.8mm +/-0.05mm

Specifications

Capacitance	8 uF
Tolerance	10%
Voltage DC	450 VDC
Temperature Range	-55/+125°C
Insulation Resistance	3.75 GOhms
Max dV/dt	65 V/us
ESR	10.01 mOhms (10kHz 70C)
Ripple Current	8.6 Amps Irms (10kHz 75C), 520 Amps Ipkr
Inductance	13 nH

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	168

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