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General Information

Series	C4AK
Dielectric	Metallized Polypropylene
Style	Radial
Features	DC Filtering
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
Typical Component Weight	13.2 g
Miscellaneous	$R_{th} = 44 \text{ C/W.}$

Dimensions

L	32mm +/-0.7mm
H	20mm +/-0.7mm
T	11mm +/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm -2mm
F	1.2mm +/-0.05mm

Specifications

Capacitance	1.2 uF
Tolerance	5%
Voltage DC	900 VDC
Temperature Range	-55/+135°C
Insulation Resistance	25 GOhms
Max dV/dt	40 V/us
ESR	35 mOhms (10kHz 70C)
Ripple Current	3.8 Amps Irms (10kHz 95C), 48 Amps Ipkr
Inductance	17 nH

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	256

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