

C4AK, Film, Metallized Polypropylene, Automotive DC Link, 45 uF, 5%, 700 VDC, Lead Spacing = 52.5mm



General Information	
Series:	C4AK
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	DC Filtering
RoHS:	Yes
Lead:	4 Wire Leads
Qualifications:	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200:	Yes
Miscellaneous:	Rth = 12 C/W.

Dimensions	
L	57.5mm +/-1.2mm
H	45mm +/-1.2mm
T	30mm +/-1.2mm
S	52.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm -2mm
F	1.2mm +/-0.05mm

Specifications	
Capacitance:	45 uF
Capacitance Tolerance:	5%
Voltage DC:	700 VDC
Temperature Range:	-55/+135°C
Insulation Resistance:	670 MOhms
Max dV/dt:	10 V/us
Resistance:	4.8 mOhms (10kHz 70C)
Ripple Current:	19.5 Amps Irms (10kHz 95C), 450 Amps Ipk
Inductance:	13 nH

Packaging Specifications	
Packaging:	Bulk, Box
Packaging Quantity:	27

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