

C4AK, Film, Metallized Polypropylene, Automotive DC Link, 1.8 uF, 5%, 700 VDC, Lead Spacing = 27.5mm



General Information	
Series:	C4AK
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	DC Filtering
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200:	Yes
Miscellaneous:	Rth = 44 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:	1.8 uF
Capacitance Tolerance:	5%
Voltage DC:	700 VDC
Temperature Range:	-55/+135°C
Insulation Resistance:	16.667 GOhms
Max dV/dt:	40 V/us
Resistance:	28.5 mOhms (10kHz 70C)
Ripple Current:	4.2 Amps Irms (10kHz 95C), 72 Amps Ipk
Inductance:	17 nH

Packaging Specifications	
Packaging:	Bulk, Box
Packaging Quantity:	256

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