

A50CH4150AA00K

Aliases (50CH4150AA00K)

A50, Film, Metallized Polyester, Automotive Grade, 1.5 uF, 10%, 30 VAC, 50 VDC, 85°C

FRONT VIEW

SIDE VIEW



Click here for the 3D model.

Dimensions	
D	7mm MAX
L	14mm MAX
LL	40mm +/-5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	1750

General Information		
Series	A50	
Dielectric	Metallized Polyester	
Style	Axial	
Features	Automotive Grade	
RoHS	Yes	
Lead	Wire Leads	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Component Weight	0.8 g	
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 400.	

Specifications		
Capacitance	1.5 uF	
Capacitance Tolerance	10%	
Voltage AC	30 VAC	
Voltage DC	50 VDC, 37.5 VDC (105C)	
Temperature Range	-55/+105°C	
Rated Temperature	85°C	
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz	
Insulation Resistance	666.7 MOhms	
Max dV/dt	4 V/us	
Inductance	7 nH	

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