

## A50CK5100AA00K

Aliases (50CK5100AA00K)

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

## FRONT VIEW

## **SIDE VIEW**



Click here for the 3D model.

Dimensions	
D	12mm MAX
L	20.5mm MAX
LL	40mm +/-5mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	500	

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	2.5 g	
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 200.	

Specifications	
Capacitance	10 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	100 MOhms
Max dV/dt	2 V/us
Inductance	7 nH

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