

## A50DT5100AA60M

Aliases (50DT5100AA60M)

A50, Film, Metallized Polyester, Automotive Grade, 10 uF, 20%, 40 VAC, 63 VDC, 85°C

## FRONT VIEW

## **SIDE VIEW**



Click here for the 3D model.

Dimensions	,
D	11.5mm MAX
L	33mm MAX
LL	40mm +/-5mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	400	

General Information  Series A50  Dielectric Metallized Polyester  Style Axial  Features Automotive Grade  RoHS Yes  Lead Wire Leads	
Dielectric Metallized Polyester Style Axial Features Automotive Grade RoHS Yes	
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RoHS Yes	
Lead Wire Leads	
Qualifications AEC-Q200	
AEC-Q200 Yes	
Component Weight 3.5 g	
Miscellaneous Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 130.	

Specifications		
Capacitance	10 uF	
Capacitance Tolerance	20%	
Voltage AC	40 VAC	
Voltage DC	63 VDC, 47.25 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	1V/us	
Inductance	7 nH	

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