

## **A50DT5100AA60K**

Aliases (50DT5100AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 10 uF, 10%, 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
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	10%	
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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