

## A50DT51002660K

Aliases (50DT51002660K)

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	20mm MIN
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	T&R	
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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