

A50EK4100AA60M

Aliases (50EK4100AA60M)

A50, Film, Metallized Polyester, Automotive Grade, 1 uF, 20%, 63 VAC, 100 VDC, 85 $^\circ\mathrm{C}$

SIDE VIEW



Click here for the 3D model.

Dimensions	
D	7mm MAX
L	20.5mm MAX
LL	40mm +/-5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	1250

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	1.3 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 600.

Specifications		
Capacitance	1 uF	
Capacitance Tolerance	20%	
Voltage AC	63 VAC	
Voltage DC	100 VDC, 75 VDC (105C)	
Temperature Range	-55/+105°C	
Rated Temperature	85°C	
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz	
Insulation Resistance	1GOhms	
Max dV/dt	3 V/us	
Inductance	7 nH	

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