

A50IH3100AA60M

Aliases (50IH3100AA60M)

A50, Film, Metallized Polyester, Automotive Grade, 0.1 uF, 20%, 160 VAC, 250 VDC, 85 $^\circ\mathrm{C}$

SIDE VIEW



Click here for the 3D model.

D 5.5mm MAX L 14mm MAX LL 40mm +/-5mm F 0.6mm +/-0.05mm	Dimensions	
LL 40mm +/-5mm	D	5.5mm MAX
- -	L	14mm MAX
F 0.6mm +/-0.05mm	LL	40mm +/-5mm
	F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	2000

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	0.6 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 5000.

Specifications			
Capacitance	0.1 uF		
Capacitance Tolerance	20%		
Voltage AC	160 VAC		
Voltage DC	250 VDC, 187.5 VDC (105C)		
Temperature Range	-55/+105°C		
Rated Temperature	85°C		
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz		
Insulation Resistance	30 GOhms		
Max dV/dt	10 V/us		
Inductance	7 nH		

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