

A50IQ4150AA60K

Aliases (50IQ4150AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 1.5 uF, 10%, 160 VAC, 250 VDC, 85°C

SIDE VIEW



Click here for the 3D model.

Dimensions	
D	10mm MAX
L	28mm MAX
LL	40mm +/-5mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	500

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	2.6 g	
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 2000.	

Specifications		
Capacitance	1.5 uF	
Capacitance Tolerance	10%	
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	6.6667 GOhms	
Max dV/dt	4 V/us	
Inductance	7 nH	

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