

A50DQ4470AA60K

Aliases (50DQ4470AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 4.7 uF, 10%, 40 VAC, 63 VDC, 85°C

FRONT VIEW

SIDE VIEW



Click here for the 3D model.

Dimensions	
D	9.5mm MAX
L	28mm MAX
LL	40mm +/-5mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	500	

General Information	
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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 = 190.

Specifications			
Capacitance	4.7 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	212.8 MOhms		
Max dV/dt	1.5 V/us		
Inductance	7 nH		

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