

A50PT4100AA60K

Aliases (50PT4100AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 1 uF, 10%, 220 VAC, 630 VDC, 85°C

SIDE VIEW



Click here for the 3D model.

Dimensions	
D	17.5mm MAX
L	33mm MAX
LL	40mm +/-5mm
F	1mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	200

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	9 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 7500.

Specifications			
Capacitance	1uF		
Capacitance Tolerance	10%		
Voltage AC	220 VAC		
Voltage DC	630 VDC, 472.5 VDC (105C)		
Temperature Range	-55/+105°C		
Rated Temperature	85°C		
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz		
Insulation Resistance	10 GOhms		
Max dV/dt	6 V/us		
Inductance	7 nH		

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