

## A50DH4100AA60K

Aliases (50DH4100AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 1 uF, 10%, 63 VDC, 40 VAC, 85°C



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### General Information

Series	A50
Dielectric	Metallized Polyester
Style	Axial
Features	Automotive Grade
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
Typical Component Weight	1 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxKO = 500.

### Dimensions

D	7mm MAX
L	14mm MAX
LL	40mm +/-5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1750

### Specifications

Capacitance	1 uF
Tolerance	10%
Voltage DC	63 VDC, 47.25 VDC (105C)
Voltage AC	40 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	1 GOhms
Max dV/dt	4 V/us
Inductance	7 nH

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