

## A50EH3680AA60K

Aliases (50EH3680AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 0.68  $\mu$ F, 10%, 63 VAC, 100 VDC, 85°C

### FRONT VIEW



### SIDE VIEW



Click [here](#) for the 3D model.

#### Dimensions

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

#### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1750

#### 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	1.2 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxKO = 1000.

#### Specifications

Capacitance	0.68 $\mu$ F
Capacitance Tolerance	10%
Voltage AC	63 VAC
Voltage DC	100 VDC, 75 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	1.4706 GOhms
Max dV/dt	5 V/us
Inductance	7 nH