

## A50IK3680AA60K

Aliases (50IK3680AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 0.68 uF, 10%, 250 VDC, 160 VAC, 85°C

**FRONT VIEW**



**SIDE VIEW**



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

### General Information

Series	A50
Dielectric	Metallized Polyester
Style	Axial
Features	Automotive Grade
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	1.3 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxKO = 3500.

### Dimensions

D	8.5mm MAX
L	20.5mm MAX
LL	40mm +/-5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	750

### Specifications

Capacitance	0.68 uF
Tolerance	10%
Voltage DC	250 VDC, 187.5 VDC (105C)
Voltage AC	160 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	14.7059 GOhms
Max dV/dt	7 V/us
Inductance	7 nH

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