

## A50IQ4150AA60K

Aliases (50IQ4150AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 1.5  $\mu$ F, 10%, 160 VAC, 250 VDC, 85°C

### FRONT VIEW



### SIDE VIEW



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

#### Dimensions

D	10mm MAX
L	28mm MAX
LL	40mm +/-5mm
F	0.8mm +/-0.05mm

#### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	500

#### 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	2.6 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 2000.

#### Specifications

Capacitance	1.5 $\mu$ F
Capacitance Tolerance	10%
Voltage AC	160 VAC
Voltage DC	250 VDC, 187.5 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	6.6667 GOhms
Max dV/dt	4 V/us
Inductance	7 nH