

A50IT4680AA60K

Aliases (50IT4680AA60K)

A50, Film, Metallized Polyester, Automotive Grade, 6.8 uF, 10%, 160 VAC, 250 VDC, 85°C

FRONT VIEW



SIDE VIEW



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

Dimensions

D	18.5mm MAX
L	33mm MAX
LL	40mm +/-5mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	150

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	5.6 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 1300.

Specifications

Capacitance	6.8 uF
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	1.4706 GOhms
Max dV/dt	2.5 V/us
Inductance	7 nH