

## A50IH31002660K

Aliases (50IH31002660K)

A50, Film, Metallized Polyester, Automotive Grade, 0.1 uF, 10%, 160 VAC, 250 VDC, 85°C



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Dimensions	
D	5.5mm MAX
L	14mm MAX
LL	20mm MIN
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging	T&R
Packaging Quantity	1300

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	0.6 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 5000.

Specifications	
Capacitance	0.1 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	30 GOhms
Max dV/dt	10 V/us
Inductance	7 nH

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