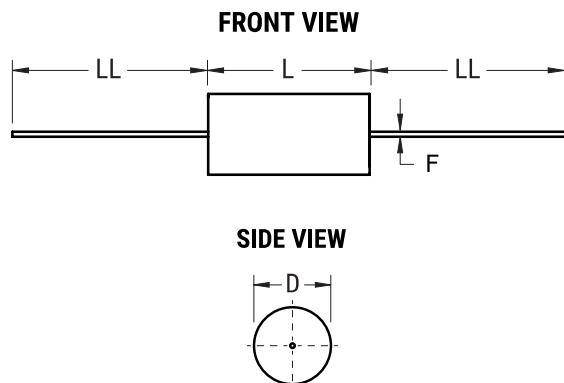


KEMET Part Number: A50IH3100AA60K
(50IH3100AA60K)

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



Dimensions	
D	5.5mm MAX
L	14mm MAX
LL	40mm +/-5mm
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	2000

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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