

KEMET Part Number: A50CF4100AA00K
(50CF4100AA00K)

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A50, Film, Metallized Polyester, Automotive Grade, 1 uF, 10%, 30 VAC, 50 VDC, 85°C



General Information	
Series:	A50
Dielectric:	Metallized Polyester
Style:	Axial
Features:	Automotive Grade
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 400

Dimensions	
D	6.5mm MAX
L	11mm MAX
LL	40mm +/-5mm
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	1200

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage AC:	30 VAC
Voltage DC:	50 VDC, 37.5 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.80% 1kHz, 1.20% 10kHz
Insulation Resistance:	1 GOhms
Max dV/dt:	4 V/us
Inductance:	7 nH

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