

**KEMET Part Number: A50EF31002660J**  
(50EF31002660J)

**KEMET**

a YAGEO company

A50, Film, Metallized Polyester, Automotive Grade, 0.1 uF, 5%, 63 VAC, 100 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 = 1000

Dimensions	
D	5mm MAX
L	11mm MAX
LL	20mm MIN
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging:	T&R
Packaging Quantity:	3000

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	5%
Voltage AC:	63 VAC
Voltage DC:	100 VDC, 75 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.80% 1kHz, 1.20% 10kHz
Insulation Resistance:	3.75 GOhms
Max dV/dt:	5 V/us
Inductance:	7 nH

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