

**KEMET Part Number: R60IF3100506AJ**  
(60IF3100506AJ)

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a YAGEO company

R60, Film, Metallized Polyester Stacked, Automotive Grade, 0.1 uF, 5%, 250 VDC, 85°C, Lead Spacing = 10mm



#### Dimensions

L	13mm +0.2mm
H	9mm +0.1mm
T	4mm +0.2mm
S	10mm +/-0.4mm
LL	25mm +2/-1mm
F	0.6mm +/-0.05mm

#### Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	1800

#### General Information

Series:	R60
Dielectric:	Metallized Polyester Stacked
Style:	Radial
Features:	Automotive Grade, DC Multipurpose Applications
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	0.889 g
Miscellaneous:	Upper Operating Temperature Of 125C Is Allowed For A Maximum Operating Time Of 1,000 Hours. Above 85C, DC And AC Voltage Derating Is 1.25%/C.

#### Specifications

Capacitance:	0.1 uF
Capacitance Tolerance:	5%
Voltage AC:	160 VAC
Voltage DC:	250 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	1% 1kHz, 1.5% 10kHz
Insulation Resistance:	30 GOhms
Max dV/dt:	150 V/us
Inductance:	9 nH

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