

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.1 uF, 5%, 100 VDC, 85°C, Lead Spacing = 5mm



Dimensions	
L	7.2mm +0.2mm
H	6.5mm +0.1mm
T	2.5mm +0.1mm
S	5mm +/-0.4mm
LL	4mm +1.5mm
F	0.5mm +/-0.05mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	3000

General Information	
Supplier:	KEMET
Series:	R82
Dielectric:	Metallized Polyester Stacked
Style:	Radial
Features:	Automotive Grade, DC Multipurpose Applications
RoHS:	Yes
Lead:	Cut
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	5%
Voltage AC:	63 VAC
Voltage DC:	100 VDC
Temperature Range:	-55/+105C
Rated Temperature:	85°C
Dissipation Factor:	0.80% 1kHz, 1.20% 10kHz, 2.50% 100kHz
Insulation Resistance:	15 GOhms
Max dV/dt:	200 V/us
Inductance:	7 nH

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