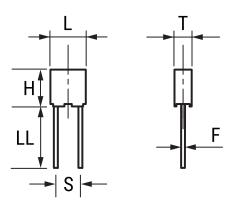
KEMET Part Number: R82IC2100AA50K



R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.01 uF, 10%, 250 VDC, 85°C, Lead Spacing = 5mm



Dimensions	
L	7.2mm +0.2mm
Н	6.5mm +0.1mm
Т	2.5mm +0.1mm
S	5mm +/-0.4mm
LL	4mm +1.5mm
Е	0.5mm +/-0.05mm

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	3000	

General Information		
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:	0.01 uF	
Capacitance Tolerance:	10%	
Voltage AC:	160 VAC	
Voltage DC:	250 VDC	
Temperature Range:	-55/+105°C	
Rated Temperature:	85°C	
Dissipation Factor:	0.80% 1kHz, 1.20% 10kHz, 2.50% 100kHz	
Insulation Resistance:	30 GOhms	
Max dV/dt:	250 V/us	
Inductance:	7 nH	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

