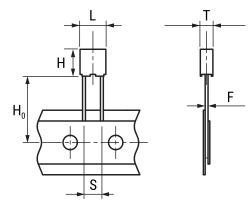
## KEMET Part Number: R82IC2100DQ50K



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



Dimensions	
L	7.2mm +0.2mm
Н	6.5mm +0.1mm
Т	2.5mm +0.1mm
S	5mm +0.6/-0.1mm
HO	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm

Packaging Specifications		
Packaging:	Ammo, 360x340x59mm, Box	
Packaging Quantity:	3500	

General Information	
Supplier:	KEMET
Series:	R82
Dielectric:	Metallized Polyester Stacked
Style:	Radial
Features:	Automotive Grade, DC Multipurpose Applications
RoHS:	Yes
Lead:	Wire Leads
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/+105C	
Rated Temperature:	85C	
Dissipation Factor:	0.80% 1kHz, 1.20% 10kHz, 2.50% 100kHz	
Insulation Resistance:	30 GOhms	
Max dV/dt:	250 V/us	
Inductance:	7 nH	

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