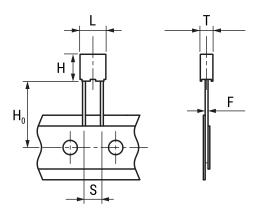
## KEMET Part Number: R82EC2100DQ50J



## R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.01 uF, 5%, 100 VDC, 85°C, Lead Spacing = 5mm



Dimensions		
L	7.2mm +0.2mm	
Н	6.5mm +0.1mm	
Т	2.5mm +0.1mm	
S	5mm +0.6/-0.1mm	
Н0	18.5mm +/-0.5mm	
Е	0.5mm +/-0.05mm	

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

General Information		
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:	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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