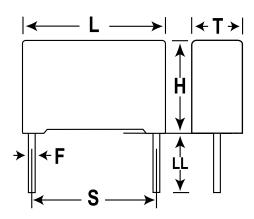
## **KEMET Part Number: R82EC2100AA50K**



Capacitor, Film, Metallized Polyester (Stacked), 0.01 uF, +/-10% Tol, -55/+105C, General Purpose, 100 VDC@85C, Lead Spacing=5 mm



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	7.2	+0.2	
Н	6.5	+0.1	
Т	2.5	+0.1	
S	5	+/-0.4	
LL	4	+1.5	
F	0.5	+/-0.05	

Packaging Specifications		
Package Kind:	Bulk	
Package Quantity:	3000	

General Information		
Supplier:	KEMET	
Dielectric:	Metallized Polyester (Stacked)	
Application:	General Purpose	
Sub Application:	AEC-Q200	
Style:	Radial Box	
Lead Form:	cut	
Features:	Pulse	
Approvals:	AEC-Q200	
RoHS:	Yes	

Specifications		
Capacitance:	0.01 uF	
Voltage:	100 VDC	
Tolerance:	+/-10%	
Voltage AC:	63 VAC	
Rated Temperature:	85C	
Temperature Range:	-55/+105C	
Dissipation Factor @ 1 kHz:	0.8%	
Dissipation Factor @ 10 kHz:	1.2%	
Dissipation Factor @ 100kHz:	2.5%	
Insulation Resistance:	15 GOhm	
Inductance:	7	
Maximum dVdT:	200 v/us	
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C	

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.

