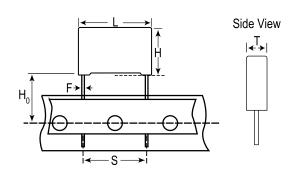
## KEMET Part Number: R82DC3100CK50K



Capacitor, film, Metallized Polyester (Stacked), 0.1 uF, +/-10% Tol, -55/+105C, General Purpose, 63 VDC@85C, Lead Spacing=5 mm



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

Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	7.2	+0.2	
Н	6.5	+0.1	
т	2.5	+0.1	
S	5	+/-0.4	
F	0.5	+/-0.05	
HO	18	+/-0.5	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	Standard	
Package Quantity:	2500	

Specifications	
Capacitance:	0.1 uF
Voltage:	63 VDC
Tolerance:	+/-10%
Voltage AC:	40 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:	160 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.

