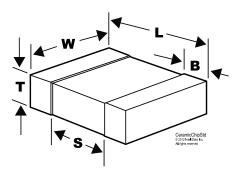
## **KEMET Part Number: C0805T104K1RCLTU**

(C0805T104K1RCL7800)



Capacitor, Ceramic, SMD, MLCC, COTS, Temperature Stable, Class II, 0.1 uF, +/-10% Tol, 100 V, X7R, 0805 (2012 metric)



General Information		
Supplier:	KEMET	
Application:	COTS Military Equivalent: C Testing	
Chip Size:	0805 (2012 metric)	
Temperature Coefficient:	X7R	
Part Type Description:	SMD, MLCC, COTS, Temperature Stable, Class II	
Termination Type:	Tin-Lead (SnPb)	
Marked:	No	
RoHS:	No	

Dimensions (mm)			
Symbol	Dimension	Tolerance	
Т	1	+/-0.10	
L	2	+/-0.2	
W	1.25	+/-0.2	
В	0.5	+/-0.25	
S	0.75	MIN	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Type:	Plastic Tape	
Package Quantity:	2500	

Specifications	
Capacitance:	0.1 uF
Voltage:	100 V
Tolerance:	+/-10%
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	5 GOhm
Dielectric Strength:	250 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

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