

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
T	1	+/-0.10
L	2	+/-0.2
W	1.25	+/-0.2
B	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