

KEMET Part Number: C1812C105K5RACTU
(C1812C105K5RAC7800)

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 1 uF, +/-10% Tol, 50V, X7R, 1812



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	4.50	+/-0.30
W	3.20	+/-0.30
T	1.30	+/-0.10
B	0.60	+/-0.35

Packaging Specifications	
Package Kind:	T&R
Package Size:	7in
Package Type:	Plastic Tape
Package Quantity:	1000

General Information	
Supplier:	KEMET
Part Type Description:	SMD, MLCC, Temperature Stable, Class II
Miscellaneous Electrical:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications	
Capacitance:	1 uF
Chip Size:	1812
Voltage:	50V
Temperature Coefficient:	X7R
Tolerance:	+/-10%
Application:	Standard Chip
Termination Type:	Tin
Marked:	No
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Insulation Resistance:	1 GOhm
Dielectric Strength:	125V