

KEMET Part Number: C1210C105K5NACTU
(C1210C105K5NAC7800)

Capacitor, Ceramic, SMD, MLCC, High Temperature, Temperature Stable, 1 uF, +/-10% Tol, 50 V, X8L, 1210 (3225 metric)



General Information

Supplier:	KEMET
Application:	Standard Chip
Chip Size:	1210 (3225 metric)
Temperature Coefficient:	X8L
Part Type Description:	SMD, MLCC, High Temperature, Temperature Stable
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes

Dimensions (mm)

Symbol	Dimension	Tolerance
L	3.2	+/-0.2
W	2.5	+/-0.2
T	1.7	+/-0.20
B	0.5	+/-0.25

Packaging Specifications

Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Plastic Tape
Package Quantity:	2000

Specifications

Capacitance:	1 uF
Voltage:	50 V
Tolerance:	+/-10%
Temperature Range:	-55/+150C
Dissipation Factor:	2.5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	500 MOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: Referee time for X8L dielectric for this part number is 1000 hours