

**KEMET Part Number: C0805C154K5NACTU**  
(C0805C154K5NAC7800)

Capacitor, Ceramic, SMD, MLCC, High Temperature, Temperature Stable, 0.15 uF, +/-10% Tol, 50V, X8L, 0805



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	2	+/-0.2
W	1.25	+/-0.2
T	1.25	+/-0.15
B	0.5	+/-0.25
S	0.75	MIN

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

General Information	
Supplier:	KEMET
Part Type Description:	SMD, MLCC, High Temperature, Temperature Stable
Miscellaneous Electrical:	Note: KEMET 50V rated parts may be operated at 63 Volts

Specifications	
Capacitance:	0.15 uF
Chip Size:	0805
Voltage:	50V
Temperature Coefficient:	X8L
Tolerance:	+/-10%
Application:	Standard Chip
Termination Type:	Tin
Marked:	No
Temperature Range:	-55/+150C
Dissipation Factor:	2.5%
Insulation Resistance:	3.33 GOhm
Dielectric Strength:	125V