

**KEMET Part Number: C1812C221KDGACTU**  
(C1812C221KDGAC7800)

Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 220 pF, +/-10% Tol, 1000 V, COG, 1812 (4532 metric)



General Information	
Supplier:	KEMET
Application:	Standard Chip
Chip Size:	1812 (4532 metric)
Temperature Coefficient:	COG
Part Type Description:	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	4.5	+/-0.3
W	3.2	+/-0.3
T	1.4	+/-0.15
B	0.6	+/-0.35

Specifications	
Capacitance:	220 pF
Voltage:	1000 V
Tolerance:	+/-10%
Temperature Range:	-55/+125C
Dissipation Factor:	0.1%
Failure Rate:	N/A
Aging Rate:	0% loss/decade hour
Insulation Resistance:	100 GOhm
Dielectric Strength:	1200 V

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Plastic Tape
Package Quantity:	1000