

**KEMET Part Number: C1812C225K1RACTU**  
(C1812C225K1RAC7800)

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 2.2 uF, +/-10% Tol, 100V, X7R, 1812 (4532 metric)



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	4.5	+/-0.3
W	3.2	+/-0.3
T	2.50	+/-0.20
B	0.6	+/-0.35

Packaging Specifications	
Package Kind:	T&R
Package Size:	7in
Package Type:	Plastic Tape
Package Quantity:	500

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 48 hours

Specifications	
Capacitance:	2.2 uF
Chip Size:	1812 (4532 metric)
Voltage:	100V
Temperature Coefficient:	X7R
Tolerance:	+/-10%
Application:	Standard Chip
Termination Type:	Tin (Sn)
Marked:	No
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Aging Rate:	3% loss/decade hour
Insulation Resistance:	230 MOhm
Dielectric Strength:	250V