

**KEMET Part Number: C1206C102KCRACTU**  
(C1206C102KCRAC7800)

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 1000 pF, +/-10% Tol, 500V, X7R, 1206



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.20	+/-0.20
W	1.60	+/-0.20
T	1.60	+/-0.15
B	0.50	+/-0.25

Packaging Specifications	
Package Kind:	T&R
Package Size:	7in
Package Type:	Plastic Tape
Package Quantity:	2000

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:	1000 pF
Chip Size:	1206
Voltage:	500V
Temperature Coefficient:	X7R
Tolerance:	+/-10%
Application:	Standard Chip
Termination Type:	Tin
Marked:	No
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Insulation Resistance:	100 GOhm
Dielectric Strength:	750V