

KEMET Part Number: C0805C105K5RACTU
(C0805C105K5RAC7800)

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 1 uF, +/-10% Tol, 50V, X7R, 0805



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	2.00	+/-0.20
W	1.25	+/-0.20
T	1.25	+/-0.15
B	0.50	+/-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, Temperature Stable, Class II
Miscellaneous Electrical:	Note: Referee time for X7R dielectric for this part number is 48 hours

Specifications	
Capacitance:	1 uF
Chip Size:	0805
Voltage:	50V
Temperature Coefficient:	X7R
Tolerance:	+/-10%
Application:	Standard Chip
Termination Type:	Tin
Marked:	No
Temperature Range:	-55/+125C
Dissipation Factor:	10%
Insulation Resistance:	500 MOhm
Dielectric Strength:	125V