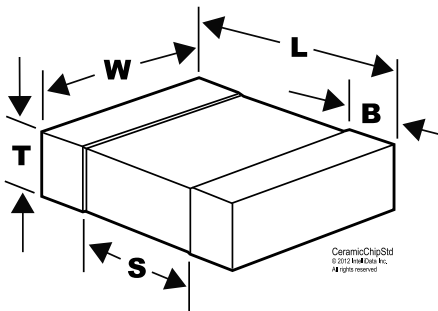


KEMET Part Number: C0805C222KDRACTU
(C0805C222KDRAC7800)

Capacitor, Ceramic, SMD, MLCC, High Voltage, Temperature Stable, 2200 pF, +/-10% Tol, 1000 V, X7R, 0805 (2012 metric)



General Information

Supplier:	KEMET
Application:	Standard Chip
Chip Size:	0805 (2012 metric)
Temperature Coefficient:	X7R
Part Type Description:	SMD, MLCC, High Voltage, Temperature Stable
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes

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:	7 in/180 mm
Package Type:	Plastic Tape
Package Quantity:	2500

Specifications

Capacitance:	2200 pF
Voltage:	1000 V
Tolerance:	+/-10%
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	100 GOhm
Dielectric Strength:	1200 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours