

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 1000 pF, +/-5% Tol, 50 V, X7R, 0402 (1005 metric)



General Information

Supplier:	KEMET
Application:	Standard Chip
Chip Size:	0402 (1005 metric)
Temperature Coefficient:	X7R
Part Type Description:	SMD, MLCC, Temperature Stable, Class II
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes

Dimensions (mm)

Symbol	Dimension	Tolerance
L	1	+/-0.05
W	0.5	+/-0.05
T	0.5	+/-0.05
B	0.3	+/-0.1
S	0.3	MIN

Packaging Specifications

Package Kind:	Bulk
Package Type:	Bag
Package Quantity:	1

Specifications

Capacitance:	1000 pF
Voltage:	50 V
Tolerance:	+/-5%
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	100 GOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 48 hours