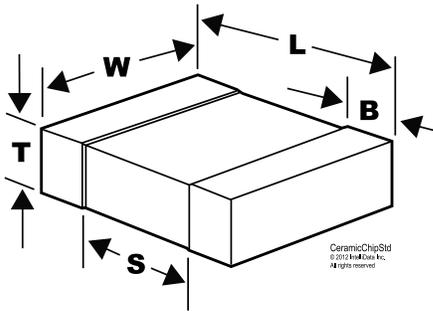


Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 0.01 uF, +/-10% Tol, 50V, X7R, 0402 (1005 metric)



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	1	+/-0.05
W	0.5	+/-0.05
T	0.50	+/-0.05
B	0.3	+/-0.1
S	0.3	MIN

Packaging Specifications	
Package Kind:	T&R
Package Size:	7in
Package Type:	Paper Tape
Package Quantity:	10000

General Information	
Supplier:	KEMET
Part Type Description:	SMD, MLCC, Temperature Stable, Automotive Grade
Miscellaneous Electrical:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications	
Capacitance:	0.01 uF
Chip Size:	0402 (1005 metric)
Voltage:	50V
Temperature Coefficient:	X7R
Tolerance:	+/-10%
Application:	Automotive (AEC-Q200 Qualified)
Termination Type:	Tin (Sn)
Marked:	No
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Aging Rate:	3% loss/decade hour
Insulation Resistance:	100 GOhm
Dielectric Strength:	125V