

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 1 uF, +/-10% Tol, 50V, X7R, 1206 (3216 metric)



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.20	+/-0.20
W	1.60	+/-0.20
T	1.00	+/-0.10
B	0.50	+/-0.25

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, Automotive Grade
Miscellaneous Electrical:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications	
Capacitance:	1 uF
Chip Size:	1206 (3216 metric)
Voltage:	50V
Temperature Coefficient:	X7R
Tolerance:	+/-10%
Application:	Automotive/Standard Chip
Termination Type:	Tin (Sn)
Marked:	No
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Aging Rate:	3% loss/decade hour
Insulation Resistance:	500 MOhm
Dielectric Strength:	125V