

Capacitor, Ceramic, SMD, MLCC, FT-CAP, Auto Grade, 1 uF, +/-10% Tol, 25V, X7R, 0805 (2012 metric)

**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:	7in
Package Type:	Plastic Tape
Package Quantity:	2500

General Information

Supplier:	KEMET
Part Type Description:	SMD, MLCC, FT-CAP, Auto Grade
Miscellaneous Electrical:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications

Capacitance:	1 uF
Chip Size:	0805 (2012 metric)
Voltage:	25V
Temperature Coefficient:	X7R
Tolerance:	+/-10%
Application:	Automotive (AEC-Q200 Qualified)
Termination Type:	Flexible Termination
Marked:	No
Temperature Range:	-55/+125C
Dissipation Factor:	10%
Aging Rate:	3% loss/decade hour
Insulation Resistance:	500 MOhm
Dielectric Strength:	62.5V