

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 1 uF, +/-20% Tol, 10 V, X7R, 0805 (2012 metric)



Dimensions (mm)

Symbol	Dimension	Tolerance
L	2	+/-0.2
W	1.25	+/-0.2
T	0.9	+/-0.10
B	0.5	+/-0.25
S	0.75	MIN

Packaging Specifications

Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Paper Tape
Package Quantity:	4000

General Information

Supplier:	KEMET
Application:	Automotive (AEC-Q200 Qualified)
Chip Size:	0805 (2012 metric)
Temperature Coefficient:	X7R
Part Type Description:	SMD, MLCC, Temperature Stable, Automotive Grade
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes
Approvals:	AEC-Q200

Specifications

Capacitance:	1 uF
Voltage:	10 V
Tolerance:	+/-20%
Temperature Range:	-55/+125C
Dissipation Factor:	5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	500 MOhm
Dielectric Strength:	25 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours