

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 0.01 uF, +/-10% Tol, 100V, X7R, 0603 (1608 metric)



Dimensions (mm)

Symbol	Dimension	Tolerance
L	1.6	+/-0.15
W	0.8	+/-0.15
T	0.80	+/-0.07
B	0.35	+/-0.15
S	0.7	MIN

Packaging Specifications

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

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:	0603 (1608 metric)
Voltage:	100V
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:	250V