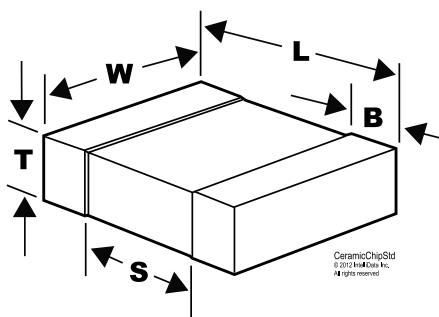


Capacitor, Ceramic, SMD, MLCC, FT-CAP, Auto Grade, 0.1 uF, +/-5% Tol, 50V, X7R, 0603 (1608 metric)



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	1.6	+/-0.17
W	0.8	+/-0.15
T	0.80	+/-0.07
B	0.45	+/-0.15
S	0.58	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, FT-CAP, Auto Grade
Miscellaneous Electrical:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications	
Capacitance:	0.1 uF
Chip Size:	0603 (1608 metric)
Voltage:	50V
Temperature Coefficient:	X7R
Tolerance:	+/-5%
Application:	Automotive (AEC-Q200 Qualified)
Termination Type:	Flexible Termination
Marked:	No
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Aging Rate:	3% loss/decade hour
Insulation Resistance:	5 GOhm
Dielectric Strength:	125V

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.