

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 0.1 uF, +/-10% Tol, 50 V, X7R, 1210 (3225 metric)



CeramicChipS1210S
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Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.2	+/-0.2
W	2.5	+/-0.2
T	0.78	+/-0.10
B	0.5	+/-0.25

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

General Information	
Supplier:	KEMET
Application:	Automotive (AEC-Q200 Qualified)
Chip Size:	1210 (3225 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:	0.1 uF
Voltage:	50 V
Tolerance:	+/-10%
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	10 GOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours