

Capacitor, Ceramic, SMD, MLCC, FT-CAP, Auto Grade, 1 uF, +/-10% Tol, 50 V, X7R, 1210 (3225 metric)



#### General Information

Supplier:	KEMET
Application:	Automotive (AEC-Q200 Qualified)
Chip Size:	1210 (3225 metric)
Temperature Coefficient:	X7R
Part Type Description:	SMD, MLCC, FT-CAP, Auto Grade
Termination Type:	Flexible Termination
Marked:	No
RoHS:	Yes
Approvals:	AEC-Q200

#### Dimensions (mm)

Symbol	Dimension	Tolerance
L	3.3	+/-0.4
W	2.6	+/-0.3
T	1.55	+/-0.20
B	0.6	+/-0.25

#### Packaging Specifications

Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Plastic Tape
Package Quantity:	2000

#### Specifications

Capacitance:	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:	500 MOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours