

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 1 uF, +/-10% Tol, 50 V, X7R, 1206 (3216 metric)



General Information

Supplier:	KEMET
Application:	Automotive (AEC-Q200 Qualified)
Chip Size:	1206 (3216 metric)
Temperature Coefficient:	X7R
Part Type Description:	SMD, MLCC, Temperature Stable, Automotive Grade
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes

Dimensions (mm)

Symbol	Dimension	Tolerance
L	3.20	+/-0.2
W	1.60	+/-0.2
T	1.00	+/-0.10
B	0.50	+/-0.25

Packaging Specifications

Package Kind:	T&R
Package Size:	7in
Package Type:	Plastic Tape

Specifications

Capacitance:	1 uF
Voltage:	50 V
Tolerance:	+/-10%
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Failure Rate:	NA
Aging Rate:	3% loss/decade hour
Insulation Resistance:	500 MOhm
Dielectric Strength:	125 V
Miscellaneous Electrical:	Note: Referee time for X7R dielectric for this part number is 1000 hours