

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 0.47 uF, +/-10% Tol, 100V, X7R, 1206 (3216 metric)

CeramicChipSMDNoS  
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Symbol	Dimension	Tolerance
L	3.2	+/-0.2
W	1.6	+/-0.2
T	1.60	+/-0.15
B	0.5	+/-0.25

**Packaging Specifications**

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

**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:	0.47 uF
Chip Size:	1206 (3216 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:	1.06 GOhm
Dielectric Strength:	250V