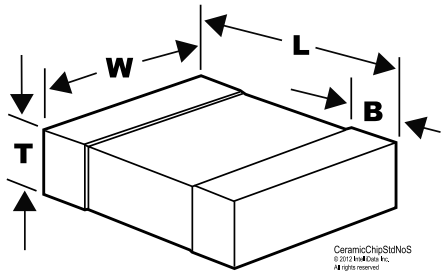
KEMET Part Number: C1812C104KBRACAUTO

Capacitor, Ceramic, SMD, MLCC, High Voltage, Temp Stable, Auto Grade, 0.1 uF, +/-10% Tol, 630 V, X7R, 1812 (4532 metric)



General Information	
Supplier:	KEMET
Application:	Automotive (AEC-Q200 Qualified)
Chip Size:	1812 (4532 metric)
Temperature Coefficient:	X7R
Part Type Description:	SMD, MLCC, High Voltage, Temp Stable, Auto Grade
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes
Approvals:	AEC-Q200

Dimensions (mm)		
Symbol	**Dimension**	**Tolerance**
L	4.5	+/-0.3
W	3.2	+/-0.3
T	1.4	+/-0.15
B	0.6	+/-0.35

Specifications	
Capacitance:	0.1 uF
Voltage:	630 V
Tolerance:	+/-10%
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	1 GOhm
Dielectric Strength:	945 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Plastic Tape
Package Quantity:	1000