

KEMET Part Number: C0805C104K1RACAUTO
(C0805C104K1RACAUTO7800)

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 0.1 uF, +/-10% Tol, 100V, X7R, 0805



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	2.00	+/-0.20
W	1.25	+/-0.20
T	1.00	+/-0.10
B	0.50	+/-0.25
S	0.75	MIN

Packaging Specifications	
Package Kind:	T&R
Package Size:	7in
Package Type:	Plastic Tape
Package Quantity:	2500

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:	0.1 uF
Chip Size:	0805
Voltage:	100V
Temperature Coefficient:	X7R
Tolerance:	+/-10%
Application:	Automotive/Standard Chip
Termination Type:	Tin
Marked:	No
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Insulation Resistance:	5 GOhm
Dielectric Strength:	250V