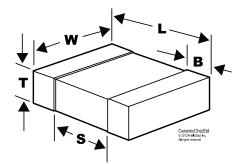
KEMET Part Number: C0603C103K1RACAUTO



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 0.01 uF, +/-10% Tol, 100V, X7R, 0603 (1608 metric)



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	

Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	1.60	+/-0.15	
W	0.80	+/-0.15	
Т	0.80	+/-0.07	
В	0.35	+/-0.15	
S	0.7	MIN	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7in	
Package Type:	Paper Tape	
Package Quantity:	4000	

Specifications		
Capacitance:	0.01 uF	
Chip Size:	0603 (1608 metric)	
Voltage:	100V	
Temperature Coefficient:	X7R	
Tolerance:	+/-10%	
Application:	Automotive/Standard Chip	
Termination Type:	Tin (Sn)	
Marked:	No	
Temperature Range:	-55/+125C	
Dissipation Factor:	2.5%	
Aging Rate:	3% loss/decade hour	
Insulation Resistance:	100 GOhm	
Dielectric Strength:	250V	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

