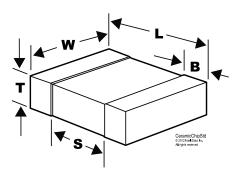
KEMET Part Number: C0603X102K5RACAUTO



Capacitor, Ceramic, SMD, MLCC, FT-CAP, Auto Grade, 1000 pF, +/-10% Tol, 50 V, X7R, 0603 (1608 metric)



General Information		
Supplier:	KEMET	
Application:	Automotive (AEC-Q200 Qualified)	
Chip Size:	0603 (1608 metric)	
Temperature Coefficient:	X7R	
Part Type Description:	SMD, MLCC, FT-CAP, Auto Grade	
Termination Type:	Flexible Termination	
Marked:	No	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	1.60	+/-0.17
W	0.80	+/-0.15
Т	0.80	+/-0.07
В	0.45	+/-0.15
S	0.58	MIN

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

Specifications		
Capacitance:	1000 pF	
Voltage:	50 V	
Tolerance:	+/-10%	
Temperature Range:	-55/+125C	
Dissipation Factor:	2.5%	
Failure Rate:	NA	
Aging Rate:	3% loss/decade hour	
Insulation Resistance:	100 GOhm	
Dielectric Strength:	125 V	
Miscellaneous Electrical:	Note: Referee time for X7R dielectric for this part number is 1000 hours	

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.

