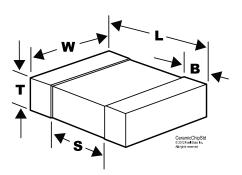
## KEMET Part Number: C0805C102F5GACTU

(C0805C102F5GAC7800)



Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1000 pF, +/-1% Tol, 50 V, C0G, 0805 (2012 metric)



General Information	
Supplier:	KEMET
Application:	Standard Chip
Chip Size:	0805 (2012 metric)
Temperature Coefficient:	COG
Part Type Description:	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	2	+/-0.2
W	1.25	+/-0.2
Т	0.78	+/-0.10
В	0.5	+/-0.25
S	0.75	MIN

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Type:	Plastic Tape	
Package Quantity:	4000	

Specifications		
Capacitance:	1000 pF	
Voltage:	50 V	
Tolerance:	+/-1%	
Temperature Range:	-55/+125C	
Dissipation Factor:	0.1%	
Failure Rate:	N/A	
Aging Rate:	0% loss/decade hour	
Insulation Resistance:	100 GOhm	
Dielectric Strength:	125 V	
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts	

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.

