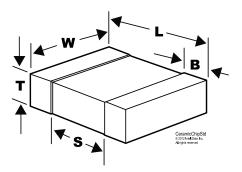
## KEMET Part Number: C0805C102K5GACTU

(C0805C102K5GAC7800)



Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1000 pF, +/-10% 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:	7in	
Package Type:	Paper Tape	
Package Quantity:	4000	

Specifications		
Capacitance:	1000 pF	
Voltage:	50 V	
Tolerance:	+/-10%	
Temperature Range:	-55/+125C	
Dissipation Factor:	0.1%	
Failure Rate:	NA	
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	

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