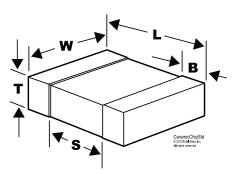
KEMET Part Number: C0805C101K1GACTU

(C0805C101K1GAC7800)



Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 100 pF, +/-10% Tol, 100 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		

Plastic Tape

4000

Package Type:

Package Quantity:

: 0.1%	Dissipation Factor:	+/-0.10	0.78	ı
	Failure Rate:	+/-0.25	0.5	В
1		MIN	0.75	S
: 0% loss/de	Aging Rate:		00	
: 100 GOhn	Insulation Resistance:			
: 250 V	Dielectric Strength:			
		ions	aging Specificati	Pack
			e Kind: T&R	Packa
		mm	ge Size: 7 in/180 n	Packa

Specifications		
Capacitance:	100 pF	
Voltage:	100 V	
Tolerance:	+/-10%	
Temperature Range:	-55/+125C	
Dissipation Factor:	0.1%	
Failure Rate:	N/A	
Aging Rate:	0% loss/decade hour	
Insulation Resistance:	100 GOhm	
Dielectric Strength:	250 V	

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