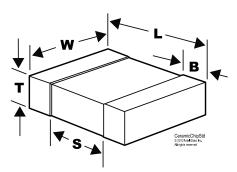
KEMET Part Number: C0805C180J5GACTU

(C0805C180J5GAC7800)



Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 18 pF, +/-5% Tol, 50V, C0G, 0805 (2012 metric)



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	2.00	+/-0.20	
W	1.25	+/-0.20	
Т	0.78	+/-0.10	
В	0.50	+/-0.25	
S	0.75	MIN	

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

General Information		
Supplier:	KEMET	
Part Type Description:	SMD, MLCC, Ultra-Stable, Low Loss, Class I	
Miscellaneous Electrical:	Note: KEMET 50V rated parts may be operated at 63 Volts	

Specifications		
Capacitance:	18 pF	
Chip Size:	0805 (2012 metric)	
Voltage:	50V	
Temperature Coefficient:	COG	
Tolerance:	+/-5%	
Application:	Standard Chip	
Termination Type:	Tin (Sn)	
Marked:	No	
Temperature Range:	-55/+125C	
Dissipation Factor:	0.1%	
Aging Rate:	0% loss/decade hour	
Insulation Resistance:	100 GOhm	
Dielectric Strength:	125V	

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.

