KEMET Part Number: C1812C102KGRACTU

(C1812C102KGRAC7800)



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 1000 pF, +/-10% Tol, 2000V, X7R, 1812 (4532 metric)



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	4.5	+/-0.3	
W	3.2	+/-0.3	
Т	1.40	+/-0.15	
В	0.6	+/-0.35	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7in	
Package Type:	Plastic Tape	
Package Quantity:	1000	

General Information		
Supplier:	KEMET	
Part Type Description:	SMD, MLCC, Temperature Stable, Class II	
Miscellaneous Electrical:	Note: Referee time for X7R dielectric for this part number is 1000 hours	

Specifications		
Capacitance:	1000 pF	
Chip Size:	1812 (4532 metric)	
Voltage:	2000V	
Temperature Coefficient:	X7R	
Tolerance:	+/-10%	
Application:	Standard Chip	
Termination Type:	Tin (Sn)	
Marked:	No	
Temperature Range:	-55/+125C	
Dissipation Factor:	2.5%	
Aging Rate:	3% loss/decade hour	
Insulation Resistance:	100 GOhm	
Dielectric Strength:	2400V	

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.

