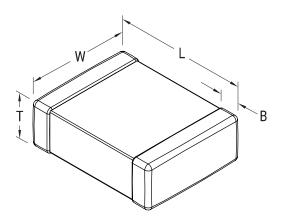
## KEMET Part Number: C1812T105M1RALTU

(C1812T105M1RAL7800)



SMD COTS X7R, Ceramic, 1 uF, 20%, 100 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 1812



Dimensions	
Chip Size	1812
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
Т	1.55mm +/-0.10mm
В	0.6mm +/-0.35mm

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	1000	

Series: SMD COTS X7R  Style: SMD Chip  Description: SMD, MLCC, COTS, Temperature Stable, Class II  Features: Temperature Stable, Class II  ROHS: No  WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.  SCIP Number: 2d771165-5336-48a3-96fa-36639 29fd  Termination: Lead (SnPb)  Marking: No	
Description:  SMD, MLCC, COTS, Temperature Stable, Class II  Features: Temperature Stable, Class II  RoHS: No  WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.  SCIP Number: 2d771165-5336-48a3-96fa-36639 Termination: Lead (SnPb)	
Temperature Stable, Class II  Features: Temperature Stable, Class II  ROHS: No  WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.  SCIP Number: 2d771165-5336-48a3-96fa-3663929fd  Termination: Lead (SnPb)	
Prop 65: WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.  SCIP Number: 2d771165-5336-48a3-96fa-3663929fd Termination: Lead (SnPb)	
Prop 65: WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.  SCIP Number: 2d771165-5336-48a3-96fa-3663929fd  Termination: Lead (SnPb)	
Prop 65: and reproductive harm - www.p65warnings.ca.gov.  SCIP Number: 2d771165-5336-48a3-96fa-36639  Termination: Lead (SnPb)	
Termination: Lead (SnPb)	
	1828
Marking: No	
•	
Failure Rate: Testing per MIL-PRF-55681 PDA 8%	
AEC-Q200: No	
Component Weight: 95 mg	
Shelf Life: 78 Weeks	
MSL: 1	

Specifications	
Capacitance:	1 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	20%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms
Dissipation Factor:	2.5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	1 GOhms

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.



## 单击下面可查看定价,库存,交付和生命周期等信息

## >>KEMET(基美)