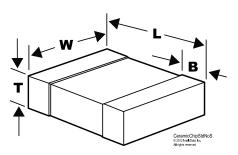
## **KEMET Part Number: C1812X105K5RACTU**

(C1812X105K5RAC7800)



Ceramic, FlexTerm-(CxxxxX), 1 uF, 10%, 50 V, 1812, X7R, SMD, MLCC, FT-CAP, Temperature Stable



Dimensions		
L	4.5mm +/-0.4mm	
W	3.2mm +/-0.3mm	
Т	1.3mm +/-0.10mm	
В	0.7mm +/-0.35mm	

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

General Information	
Style:	SMD Chip
Series:	FlexTerm-(CxxxxX)
Chip Size:	1812
Description:	SMD, MLCC, FT-CAP, Temperature Stable
Features:	FT-CAP, Temperature Stable
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	1 GOhms	
Dielectric Strength:	125 V	

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