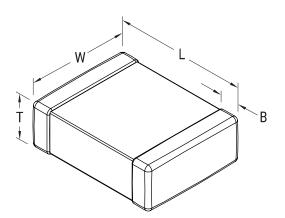
## KEMET Part Number: C1812X103KGRACTU

(C1812X103KGRAC7800)



SMD Comm X7R HV Flex, Ceramic, 0.01 uF, 10%, 2000 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1812



Dimensions	
L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
Т	2.5mm +/-0.20mm
В	0.7mm +/-0.35mm

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	500	

General Information		
Supplier:	KEMET	
Series:	SMD Comm X7R HV Flex	
Style:	SMD Chip	
Description:	SMD, MLCC, FT-CAP, Temperature Stable	
Features:	FT-CAP, Temperature Stable	
RoHS:	Yes	
Termination:	Flexible Termination	
Marking:	No	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	
Chip Size:	1812	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	0.01 uF	
Capacitance Tolerance:	10%	
Voltage DC:	2000 VDC	
Dielectric Withstanding Voltage:	2,400 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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