## **KEMET Part Number: C1812C103KFRACTU**

(C1812C103KFRAC7800)



Capacitor, Ceramic, SMD, MLCC, High Voltage, Temperature Stable, 0.01 uF, +/-10% Tol, 1500 V, X7R, 1812 (4532 metric)



General Information		
Supplier:	KEMET	
Application:	Standard Chip	
Chip Size:	1812 (4532 metric)	
Temperature Coefficient:	X7R	
Part Type Description:	SMD, MLCC, High Voltage, Temperature Stable	
Termination Type:	Tin (Sn)	
Marked:	No	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	4.5	+/-0.3
W	3.2	+/-0.3
Т	1.6	+/-0.20
В	0.6	+/-0.35

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Type:	Plastic Tape	
Package Quantity:	1000	

Specifications		
Capacitance:	0.01 uF	
Voltage:	1500 V	
Tolerance:	+/-10%	
Temperature Range:	-55/+125C	
Dissipation Factor:	2.5%	
Failure Rate:	N/A	
Aging Rate:	3% loss/decade hour	
Insulation Resistance:	100 GOhm	
Dielectric Strength:	1800 V	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	

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