## **KEMET Part Number: C1808C103KDRACTU**

(C1808C103KDRAC7800, C1808C103KDRACTR)



Ceramic, KEMET, Commercial-(CxxxxC), 0.01 uF, 10%, 1,000 V, 1808, X7R, SMD, MLCC, High Voltage, Temperature Stable



Dimensions		
L	4.7mm +/-0.5mm	
W	2mm +/-0.2mm	
Т	1.6mm +/-0.15mm	
В	0.6mm +/-0.35mm	

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

General Information	
Style:	SMD Chip
Supplier:	KEMET
Series:	Commercial-(CxxxxC)
Chip Size:	1808
Description:	SMD, MLCC, High Voltage, Temperature Stable
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications		
Capacitance:	0.01 uF	
Capacitance Tolerance:	10%	
Voltage DC:	1000 VDC	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	
Dielectric Strength:	1,200 V	

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