## **KEMET Part Number: C1825X103KDGACTU**

(C1825X103KDGAC7800)



SMD Comm COG HV Flex, Ceramic, 0.01 uF, 10%, 1000 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1825



General Information	
Supplier:	KEMET
Series:	SMD Comm C0G HV Flex
Style:	SMD Chip
Description:	SMD, MLCC, FT-CAP, Ultra- Stable
Features:	FT-CAP, Ultra-Stable
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Chip Size:	1825

Dimensions		
L	4.6mm +/-0.4mm	
W	6.4mm +/-0.4mm	
Т	2.5mm +/-0.20mm	
В	0.7mm +/-0.35mm	

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

Specifications	
Capacitance:	0.01 uF
Capacitance Tolerance:	10%
Voltage DC:	1000 VDC
Dielectric Withstanding Voltage:	1,200 V
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.10% 1kHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 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.

