## KEMET Part Number: C0805X223F5GACTU

(C0805X223F5GAC7800)



## SMD Comm C0G Flex, Ceramic, 0.022 uF, 1%, 50 VDC, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, 0805



Dimensions		
Chip Size	0805	
L	2mm +/-0.3mm	
W	1.25mm +/-0.3mm	
Т	1.1mm +/-0.10mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2500

General Information	
Series:	SMD Comm C0G Flex
Style:	SMD Chip
Description:	SMD, MLCC, FT-CAP, Ultra- Stable
Features:	FT-CAP, Ultra-Stable
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
AEC-Q200:	No
Component Weight:	14 mg
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	0.022 uF	
Measurement Condition:	1 kHz 1.0Vrms	
Capacitance Tolerance:	1%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	COG	
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	30 ppm/C, 1kHz 1.0Vrms	
Dissipation Factor:	0.1% 1 kHz 1.0Vrms	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	45.4545 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.



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