

## C1808X153KCGACTU

Aliases (C1808X153KCGAC7800)

SMD Comm COG HV Flex, Ceramic, 0.015 uF, 10%, 500 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1808



Click here for the 3D model.

Dimensions		,
Chip Size	1808	
L	4.7mm +/-0.5mm	
W	2mm +/-0.2mm	
Т	1.6mm +/-0.15mm	
В	0.7mm +/-0.35mm	

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

General Information		
Series	SMD Comm COG HV 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	81 mg	
Shelf Life	78 Weeks	
MSL	1	

Specifications	
Capacitance	0.015 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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	66.6667 GOhms

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