## KEMET Part Number: C1812C183J1GACTU

(C1812C183J1GAC7800)



SMD Comm COG, Ceramic, 0.018 uF, 5%, 100 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1812



Dimensions		
L	4.5mm +/-0.3mm	
W	3.2mm +/-0.3mm	
Т	1mm +/-0.10mm	
В	0.6mm +/-0.35mm	

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

General Information		
Supplier:	KEMET	
Series:	SMD Comm C0G	
Style:	SMD Chip	
Description:	SMD, MLCC, Ultra-Stable, Low Loss, Class I	
Features:	Ultra-Stable, Low Loss, Class I	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
Chip Size:	1812	

Specifications		
Capacitance:	0.018 uF	
Capacitance Tolerance:	5%	
Voltage DC:	100 VDC	
Dielectric Withstanding Voltage:	250 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.10% 1kHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	55.556 GOhms	

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