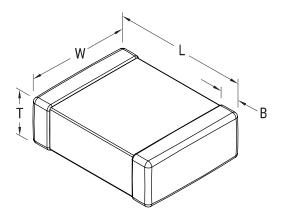
## **KEMET Part Number: C1812X681JDGACAUTO**



SMD Auto C0G HV Flex, Ceramic, 680 pF, 5%, 1000 VDC, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 1812



Dimensions		
L	4.5mm +/-0.4mm	
W	3.2mm +/-0.3mm	
Т	1.4mm +/-0.15mm	
В	0.7mm +/-0.35mm	

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

General Information		
Supplier:	KEMET	
Series:	SMD Auto COG HV Flex	
Style:	SMD Chip	
Description:	SMD, MLCC, FT-CAP, Ultra- Stable, Automotive Grade	
Features:	FT-CAP, Ultra-Stable, Automotive Grade	
RoHS:	Yes	
Termination:	Flexible Termination	
Marking:	No	
Qualifications:	AEC-Q200	
AEC-Q200:	Yes	
Chip Size:	1812	

Specifications		
Capacitance:	680 pF	
Capacitance Tolerance:	5%	
Voltage DC:	1000 VDC	
Dielectric Withstanding Voltage:	1,200 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.10% 1MHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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