

## C1812X152KGGACAUTO7210

SMD Auto COG HV Flex, Ceramic, 1500 pF, 10%, 2000 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 1812



Click here for the 3D model.

Dimensions	
Chip Size	1812
L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
Т	2.5mm +/-0.20mm
В	0.7mm +/-0.35mm

Packaging Specifications	
Packaging	T&R, 330mm, Plastic Tape
Packaging Quantity	2000

General Information	
Series	SMD Auto COG HV Flex
Style	SMD Chip
Description	${\sf SMD, MLCC, FT-CAP, Ultra-Stable, Automotive} \\ {\sf Grade}$
Features	FT-CAP, Ultra-Stable, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	87 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	1500 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	2400 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	100 GOhms

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