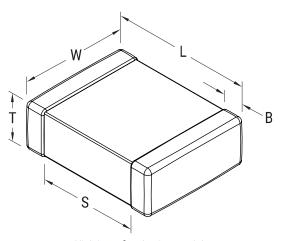


C0805X181J5GACAUTO

SMD Auto COG Flex, Ceramic, 180 pF, 5%, 50 VDC, COG, SMD, MLCC, FTCAP, Ultra-Stable, Automotive Grade, 0.6 mm, 0805 / 2012





Click	here :	for t	he 3D	model.
-------	--------	-------	-------	--------

General Information	
Series	SMD Auto COG 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
Typical Component Weight	11 mg
Shelf Life	78 Weeks
MSL	1

2mm +/-0.3mm
1.25mm +/-0.3mm
0.78mm +/-0.20mm
0.6mm MIN
0.5mm +/-0.25mm
0805 / 2012

Packaging Specifications		
Packaging	T&R, 180mm, Plastic Tape	
Packaging Quantity	4000	

Specifications	
Capacitance	180 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	5%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MegaHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 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.

Generated 11/04/2025 © 2006 - 2025 YAGEO