

## C2225X333JBGACAUTO

SMD Auto COG HV Flex, Ceramic, 0.033 uF, 5%, 630 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 2225



Click here for the 3D model.

Dimensions	
Chip Size	2225
L	5.9mm +/-0.75mm
W	6.4mm +/-0.4mm
Т	1.4mm +/-0.15mm
В	0.7mm +/-0.35mm

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

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  Component Weight  Shelf Life 78 Weeks	General Information	
Description  SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade  Features  FT-CAP, Ultra-Stable, Automotive Grade  RoHS  Yes  Termination  Marking  No  Qualifications  AEC-Q200  AEC-Q200  Yes  Component Weight  SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade  Flexible Termination  Automotive Grade  Flexible Termination  Aetomotive Grade  Yes  Termination  Aetomotive Grade  Yes  Termination  No  Qualifications  AEC-Q200  Yes  Component  Weight	Series	SMD Auto COG HV Flex
Features FT-CAP, Ultra-Stable, Automotive Grade RoHS Yes Termination Flexible Termination Marking No Qualifications AEC-Q200 AEC-Q200 Yes Component Weight  Grade FT-CAP, Ultra-Stable, Automotive Grade Atomotive Grade Atomo	Style	SMD Chip
RoHS Yes Termination Flexible Termination Marking No Qualifications AEC-Q200 AEC-Q200 Yes Component Weight 300 mg	Description	${\sf SMD}, {\sf MLCC}, {\sf FT-CAP}, {\sf Ultra-Stable}, {\sf Automotive} \\ {\sf Grade}$
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Marking No Qualifications AEC-Q200 AEC-Q200 Yes Component Weight 300 mg	RoHS	Yes
Qualifications AEC-Q200 AEC-Q200 Yes Component Weight 300 mg	Termination	Flexible Termination
AEC-Q200 Yes  Component Weight 300 mg	Marking	No
Component 300 mg	Qualifications	AEC-Q200
Weight 300 mg	AEC-Q200	Yes
Shelf Life 78 Weeks		300 mg
	Shelf Life	78 Weeks
MSL 1	MSL	1

Specifications	
Capacitance	0.033 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	819 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	30.303 GOhms

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