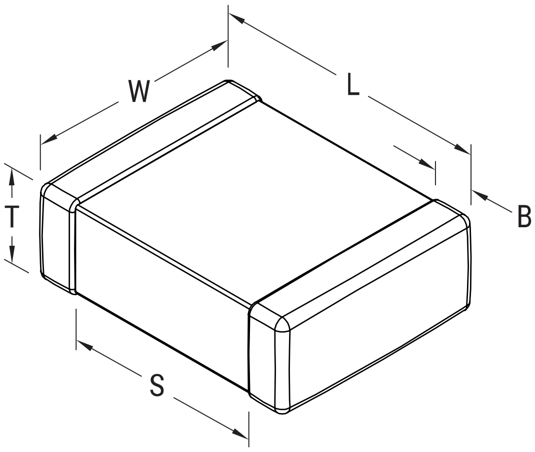
C1825X333JBGACAUTO

SMD Auto C0G HV Flex, Ceramic, 0.033 uF, 5%, 630 VDC, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 1825, 2.3 mm



Click here for the 3D model.

General Information	
Series	SMD Auto C0G 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
Typical Component Weight	190 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1825
L	4.6mm +/-0.4mm
W	6.4mm +/-0.4mm
T	1.4mm +/-0.15mm
S	2.3mm MIN
B	0.7mm +/-0.35mm

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

Specifications	
Capacitance	0.033 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	819 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	C0G
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

Generated 06/22/2025