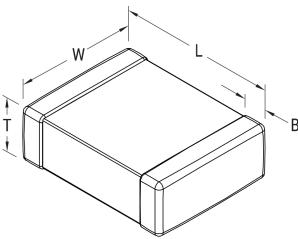


C1825X104JBGACAUTO

SMD Auto COG HV Flex, Ceramic, 0.1 uF, 5%, 630 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 1825



Click here for the 3D model.

Dimensions	
Chip Size	1825
L	4.6mm +/-0.4mm
W	6.4mm +/-0.4mm
Т	2.5mm +/-0.20mm
В	0.7mm +/-0.35mm

Packaging Specifications		
Packaging	T&R, 180mm, Plastic Tape	
Packaging Quantity	500	

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	310 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.1 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	10 GOhms

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