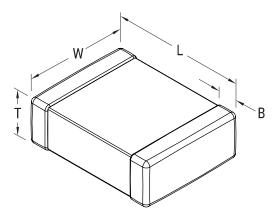
KEMET Part Number: C1210C333JBGACAUTO



SMD Auto C0G HV, Ceramic, 0.033 uF, 5%, 630 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 1210



Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
Т	2.5mm +/-0.30mm
В	0.5mm +/-0.25mm

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

General Information		
Series:	SMD Auto COG HV	
Style:	SMD Chip	
Description:	SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade	
Features:	Ultra-Stable, Low Loss, Automotive Grade	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
Qualifications:	AEC-Q200	
AEC-Q200:	Yes	
Component Weight:	95 mg	
Shelf Life:	78 Weeks	
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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