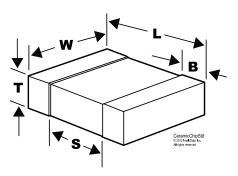
KEMET Part Number: C0603C681JBGACAUTO



Ceramic, SMD Auto COG HV, 680 pF, 5%, 630 V, 0603, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade



Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.10mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

Packaging Specifications		
Packaging:	T&R, 180mm, Paper Tape	
Packaging Quantity:	4000	

General Information	
Style:	SMD Chip
Series:	SMD Auto C0G HV
Chip Size:	0603
Description:	SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade
Features:	Ultra-Stable, Low Loss, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Approvals:	AEC-Q200
AEC-Q200:	Yes

Specifications		
Capacitance:	680 pF	
Capacitance Tolerance:	5%	
Voltage DC:	630 VDC	
Dielectric Withstanding Voltage:	819 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.1% 1MHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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