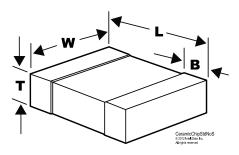
## **KEMET Part Number: C1210X682J5GACAUTO**



Ceramic, AUTO-FlexTerm-(CxxxxX-AUTO), 6800 pF, 5%, 50 V, 1210, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade



Dimensions		
L	3.3mm +/-0.4mm	
W	2.6mm +/-0.3mm	
Т	0.78mm +/-0.20mm	
В	0.6mm +/-0.25mm	

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

General Information	
Style:	SMD Chip
Series:	AUTO-FlexTerm-(CxxxxX-AUTO)
Chip Size:	1210
Description:	SMD, MLCC, FT-CAP, Ultra- Stable, Automotive Grade
Features:	FT-CAP, Ultra-Stable, Automotive Grade
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Approvals:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts

Specifications		
Capacitance:	6800 pF	
Capacitance Tolerance:	5%	
Voltage DC:	50 VDC	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.1%	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	
Dielectric Strength:	125 V	

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