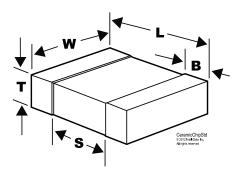
## **KEMET Part Number: C0805X682JAGACAUTO**



Ceramic, AUTO-FlexTerm-(CxxxxX-AUTO), 6800 pF, 5%, 250 V, 0805, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade



Dimensions	
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
Т	1.25mm +/-0.15mm
S	0.75mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2500	

General Information	
Style:	SMD Chip
Series:	AUTO-FlexTerm-(CxxxxX-AUTO)
Chip Size:	0805
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
AEC-Q200:	Yes

Specifications		
Capacitance:	6800 pF	
Capacitance Tolerance:	5%	
Voltage DC:	250 VDC	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.1%	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	
Dielectric Strength:	625 V	

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