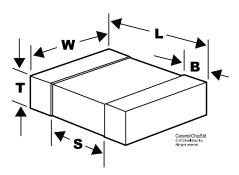
## **KEMET Part Number: C0603X182JAGACAUTO**



Ceramic, AUTO-FlexTerm-(CxxxxX-AUTO), 1800 pF, 5%, 250 V, 0603, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade



Dimensions		
L	1.6mm +/-0.17mm	
W	0.8mm +/-0.15mm	
Т	0.85mm +/-0.07mm	
S	0.58mm MIN	
В	0.45mm +/-0.15mm	

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

General Information	
Style:	SMD Chip
Series:	AUTO-FlexTerm-(CxxxxX-AUTO)
Chip Size:	0603
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

Specifications		
Capacitance:	1800 pF	
Capacitance Tolerance:	5%	
Voltage DC:	250 VDC	
Dielectric Withstanding Voltage:	625 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.1%	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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