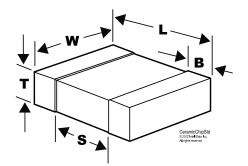
## KEMET Part Number: C0603X181J5GACAUTO



Ceramic, AUTO-FlexTerm-(CxxxxX-AUTO), 180 pF, 5%, 50 V, 0603, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade



Dimensions	
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.15mm
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	
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts	

Specifications		
Capacitance:	180 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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