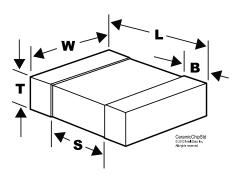
## **KEMET Part Number: C0603X181J5GACAUTO**



Capacitor, Ceramic, SMD, MLCC, FT-CAP, Ultra-Stable, Auto Grade, 180 pF, +/-5% Tol, 50 V, C0G, 0603 (1608 metric)



General Information	
Supplier:	KEMET
Application:	Automotive (AEC-Q200 Qualified)
Chip Size:	0603 (1608 metric)
Temperature Coefficient:	COG
Part Type Description:	SMD, MLCC, FT-CAP, Ultra- Stable, Auto Grade
Termination Type:	Flexible Termination
Marked:	No
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	1.6	+/-0.17
W	0.8	+/-0.15
Т	0.8	+/-0.15
В	0.45	+/-0.15
S	0.58	MIN

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Type:	Paper Tape	
Package Quantity:	4000	

Specifications		
Capacitance:	180 pF	
Voltage:	50 V	
Tolerance:	+/-5%	
Temperature Range:	-55/+125C	
Dissipation Factor:	0.1%	
Failure Rate:	N/A	
Aging Rate:	0% loss/decade hour	
Insulation Resistance:	100 GOhm	
Dielectric Strength:	125 V	
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts	

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