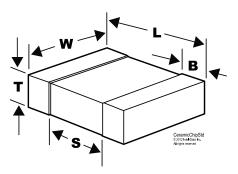
## **KEMET Part Number: C0402C181J5GACAUTO**



Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Auto Grade, 180 pF, +/-5% Tol, 50 V, C0G, 0402 (1005 metric)



General Information		
Supplier:	KEMET	
Application:	Automotive (AEC-Q200 Qualified)	
Chip Size:	0402 (1005 metric)	
Temperature Coefficient:	COG	
Part Type Description:	SMD, MLCC, Ultra-Stable, Low Loss, Auto Grade	
Termination Type:	Tin (Sn)	
Marked:	No	
RoHS:	Yes	

Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	1	+/-0.05	
W	0.5	+/-0.05	
Т	0.5	+/-0.05	
В	0.3	+/-0.1	
S	0.3	MIN	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Type:	Paper Tape	
Package Quantity:	10000	

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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