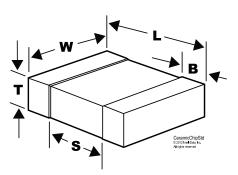
## **KEMET Part Number: C0402C102F5GACTU**

(C0402C102F5GAC7867)



Ceramic, Commercial-(CxxxxC), 1000 pF, 1%, 50 V, 0402, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I



Dimensions		
L	1mm +/-0.05mm	
W	0.5mm +/-0.05mm	
Т	0.5mm +/-0.05mm	
S	0.3mm MIN	
В	0.3mm +/-0.1mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Paper Tape	
Packaging Quantity:	10000	

General Information	
Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	0402
Description:	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Features:	Ultra-Stable, Low Loss, Class I
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts

Specifications		
Capacitance:	1000 pF	
Capacitance Tolerance:	1%	
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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