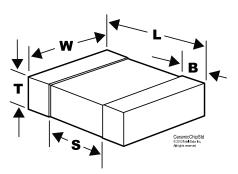
## KEMET Part Number: C0603X181J5GACTU

(C0603X181J5GAC7867)



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



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	1.6	+0.2/-0.1	
W	0.8	+/-0.15	
Т	0.80	+/-0.07	
В	0.45	+0.05/-0.15	
S	0.58	MIN	

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

General Information		
Supplier:	KEMET	
Part Type Description:	SMD, MLCC, FT-CAP, Ultra Stable	
Miscellaneous Electrical:	Note: KEMET 50V rated parts may be operated at 63 Volts	

Specifications		
Capacitance:	180 pF	
Chip Size:	0603 (1608 metric)	
Voltage:	50V	
Temperature Coefficient:	COG	
Tolerance:	+/-5%	
Application:	Standard Chip/Flexible Termination	
Termination Type:	Flexible Termination	
Marked:	No	
Temperature Range:	-55/+125C	
Dissipation Factor:	0.1%	
Aging Rate:	0% loss/decade hour	
Insulation Resistance:	100 GOhm	
Dielectric Strength:	125V	

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