

KEMET Part Number: C0603X180J5GACTU
(C0603X180J5GAC7867)



Capacitor, Ceramic, SMD, MLCC, FT-CAP, Ultra Stable, 18 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
T	0.80	+/-0.07
B	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:	18 pF
Chip Size:	0603 (1608 metric)
Voltage:	50V
Temperature Coefficient:	C0G
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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