

**KEMET Part Number: C0805C180J1GACTU**  
(C0805C180J1GAC7800)

Ceramic, Commercial-(CxxxxC), 18 pF, 5%, 100 V, 0805, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I



General Information	
Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	0805
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

Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.78mm +/-0.10mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications	
Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

Specifications	
Capacitance:	18 pF
Capacitance Tolerance:	5%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 V
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.1%
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms