

KEMET Part Number: C1812C103F5GACTU
(C1812C103F5GAC7800)

SMD Comm COG, Ceramic, 0.01 uF, 1%, 50 V, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1812



Dimensions

L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
T	1mm +/-0.10mm
B	0.6mm +/-0.35mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	1000

General Information

Supplier:	KEMET
Series:	SMD Comm COG
Style:	SMD Chip
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
Chip Size:	1812

Specifications

Capacitance:	0.01 uF
Capacitance Tolerance:	1%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.1% 1kHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms