

KEMET Part Number: C1808C681J5GACTU
(C1808C681J5GAC7800)

SMD Comm COG, Ceramic, 680 pF, 5%, 50 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1808



Dimensions

L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
T	1mm +/-0.15mm
B	0.6mm +/-0.35mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2500

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
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts
Chip Size:	1808

Specifications

Capacitance:	680 pF
Capacitance Tolerance:	5%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.10% 1MHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms