

KEMET Part Number: C0603C689C1GACTU
(C0603C689C1GAC7867)

SMD Comm COG, Ceramic, 6.8 pF, +/-0.25 pF, 100 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0603



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
Chip Size:	0603

Dimensions

L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.07mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

Specifications

Capacitance:	6.8 pF
Capacitance Tolerance:	+/-0.25 pF
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 V
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.10% 1MHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms

Packaging Specifications

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