

KEMET Part Number: C0603C820F5GACTU
(C0603C820F5GAC7867)

Ceramic, SMD Comm COG, 82 pF, 1%, 50 V, 0603, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I



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

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

General Information	
Style:	SMD Chip
Series:	SMD Comm COG
Chip Size:	0603
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

Specifications	
Capacitance:	82 pF
Capacitance Tolerance:	1%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.1% 1MHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms