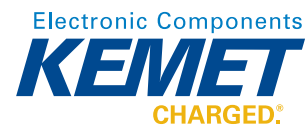


**KEMET Part Number: C0603C689C5GACTU**  
 (C0603C689C5GAC7867, C0603C689C5GACTR, 0603C689C5GACTU)



Ceramic, Commercial Grade, KEMET, Commercial-(CxxxxC), 6.8 pF, +/-0.25 pF, 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
Supplier:	KEMET
Series:	Commercial-(CxxxxC)
Chip Size:	0603
Description:	SMD, MLCC, 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:	6.8 pF
Capacitance Tolerance:	+/-0.25 pF
Voltage DC:	50 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.1%
Aging Rate:	0% Loss/Decade Hour
Dielectric Strength:	125 V

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