

**KEMET Part Number: C0603C272F5GACTU**  
(C0603C272F5GAC7867)



Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 2700 pF, +/-1% Tol, 50 V, COG, 0603 (1608 metric)



CeramicChipSld  
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### General Information

<b>Supplier:</b>	KEMET
<b>Application:</b>	Standard Chip
<b>Chip Size:</b>	0603 (1608 metric)
<b>Temperature Coefficient:</b>	COG
<b>Part Type Description:</b>	SMD, MLCC, Ultra-Stable, Low Loss, Class I
<b>Termination Type:</b>	Tin (Sn)
<b>Marked:</b>	No
<b>RoHS:</b>	Yes

### Dimensions (mm)

Symbol	Dimension	Tolerance
L	1.6	+/-0.15
W	0.8	+/-0.15
T	0.8	+/-0.07
B	0.35	+/-0.15
S	0.7	MIN

### Packaging Specifications

<b>Package Kind:</b>	T&R
<b>Package Size:</b>	7 in/180 mm
<b>Package Type:</b>	Paper Tape
<b>Package Quantity:</b>	4000

### Specifications

<b>Capacitance:</b>	2700 pF
<b>Voltage:</b>	50 V
<b>Tolerance:</b>	+/-1%
<b>Temperature Range:</b>	-55/+125C
<b>Dissipation Factor:</b>	0.1%
<b>Failure Rate:</b>	N/A
<b>Aging Rate:</b>	0% loss/decade hour
<b>Insulation Resistance:</b>	100 GOhm
<b>Dielectric Strength:</b>	125 V
<b>Miscellaneous:</b>	Note: KEMET 50V rated parts may be operated at 63 Volts

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