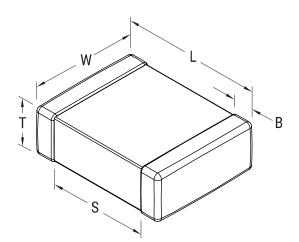


## C1206C681KBGACTU

Aliases (C1206C681KBGAC7800) SMD Comm COG HV, Ceramic, 680 pF, 10%, 630 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1206, 1.5 mm



Click here for the 3D model.

General Information		
Series	SMD Comm COG HV	
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	
AEC-Q200	No	
Typical Component Weight	25 mg	
Shelf Life	78 Weeks	
MSL	1	

0.1% 1 MHz 1.0Vrms

100 GOhms

0% Loss/Decade Hour

	Specifications	
1206	Capacitance	680 pF
3.2mm +/-0.2mm	Measurement Condition	1 MHz 1.0Vrms
1.6mm +/-0.2mm	Tolerance	10%
1mm +/-0.10mm	Voltage DC	630 VDC
1.5mm MIN	Dielectric Withstanding Voltage	945 VDC
0.5mm +/-0.25mm	Temperature Range	-55/+125°C
	Temp. Coefficient	COG
	Capacitance Change with	30 ppm/C, 1MegaHz 1.0Vrms
T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	
2500		

**Dissipation Factor** 

Insulation Resistance

Aging Rate

	Dimensions		
	Chip Size	1206	
	L	3.2mm +/-0.2mm	
	W	1.6mm +/-0.2mm	
	т	1mm +/-0.10mm	
	S	1.5mm MIN	
	В	0.5mm +/-0.25mm	

## **Packaging Specifications** Packaging Packaging Quantity 2500

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