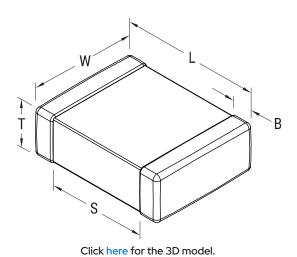


C1206C681JDGACTU

Aliases (C1206C681JDGAC7800)

SMD Comm COG HV, Ceramic, 680 pF, 5%, 1,000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1.5 mm, 1206 / 3216



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	36 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Т	1.6mm +/-0.15mm
S	1.5mm MIN
В	0.5mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

Packaging Quantity

Т	1.6mm +/-0.15mm	Tolerance
S	1.5mm MIN	Voltage DC
В	0.5mm +/-0.25mm	Dielectric Withsta
Case Code (EIA / mm)	1206 / 3216	Temperature Ran
		Temp. Coefficient
Packaging Specifications		Capacitance Char
Packaging	T&R, 180mm, Plastic Tape	Reference to +25

2000

Specifications	
Capacitance	680 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	5%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,200 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MegaHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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