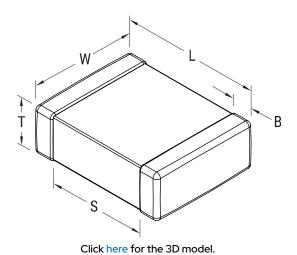


## C0805C681JDRACTU

Aliases (C0805C681JDRAC7800)

SMD Comm X7R HV, Ceramic, 680 pF, 5%, 1,000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 0805, 0.7 mm



General Information	
Series	SMD Comm X7R HV
Style	SMD Chip
Description	SMD, MLCC, High Voltage, Temperature Stable
Features	High Voltage
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	21 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	1.25mm +/-0.15mm
S	0.7mm MIN
В	0.5mm +/-0.25mm

Packaging S Packaging Packaging Q

	2mm +/-0.2mm	Measurement Condition	1 kHz 1.0Vrms
	1.25mm +/-0.2mm	Tolerance	5%
	1.25mm +/-0.15mm	Voltage DC	1000 VDC
	0.7mm MIN	Dielectric Withstanding Voltage	1,200 VDC
	0.5mm +/-0.25mm	Temperature Range	-55/+125°C
		Temp. Coefficient	X7R
Specifications		Capacitance Change with	15%, 1kHz 1.0Vrms
	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	
Quantity 2500	Dissipation Factor	2.5% 1 kHz 1.0Vrms	
		Aging Rate	3% Loss/Decade Hour: Referee

**Specifications** 

Capacitance	680 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,200 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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