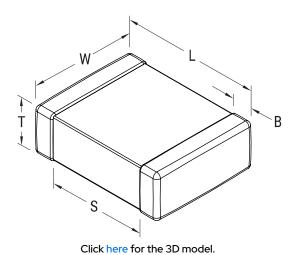


## C1206C681JCRACTU

Aliases (C1206C681JCRAC7800)

SMD Comm X7R HV, Ceramic, 680 pF, 5%, 500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1206, 1.5 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	25 mg
Shelf Life	78 Weeks
MSL	1

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

	3.2mm +/-0.2mm	Measurement Condition	I KHZ I.OVrms	
	1.6mm +/-0.2mm	Tolerance	5%	
	1mm +/-0.10mm	Voltage DC	500 VDC	
	1.5mm MIN	Dielectric Withstanding Voltage	750 VDC	
	0.5mm +/-0.25mm	Temperature Range	-55/+125°C	
		Temp. Coefficient	X7R	
ecifications		Capacitance Change with	15%, 1kHz 1.0Vrms	
	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)		
ntity 2500		Dissipation Factor	2.5% 1 kHz 1.0Vrms	

**Specifications** 

Capacitance	680 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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% 1 kHz 1.0 Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

Packaging Specifications		
Packaging	T&R, 180mm, Plastic Tape	
Packaging Quantity	2500	

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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