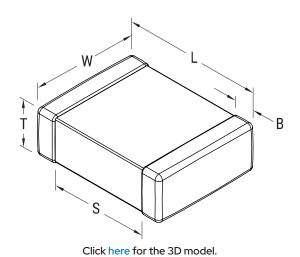


## C2220C101MGRACTU

Aliases (C2220C101MGRAC7800) SMD Comm X7R HV, Ceramic, 100 pF, 20%, 2,000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 2220, 3.5 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	230 mg	
Shelf Life	78 Weeks	
MSL	1	

	Specifications		
	Capacitance	100 pF	
	Measurement Condition	1 kHz 1.0Vrms	
	Tolerance	20%	
	Voltage DC	2000 VDC	
	Dielectric Withstanding Voltage	2,400 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	

 Dimensions

 Chip Size
 2220

 L
 5.7mm +/-0.4mm

 W
 5mm +/-0.4mm

 T
 1.6mm +/-0.20mm

 S
 3.5mm MIN

 B
 0.6mm +/-0.35mm

## **Packaging Specifications**

Packaging Quantity 10

T&R, 180mm, Plastic Tape 1000

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