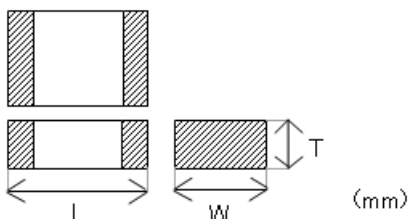


Murata Global Part No.	Size(mm/inch)	Temp.Chara.	Cap.Value	Cap.Tol	Volt.	Durability (%Rated Volt.)
GRM32B7U3D221JW31	3225M/1210	U2J	220pF	+/-5%	2000V	120%

## 1. Dimension



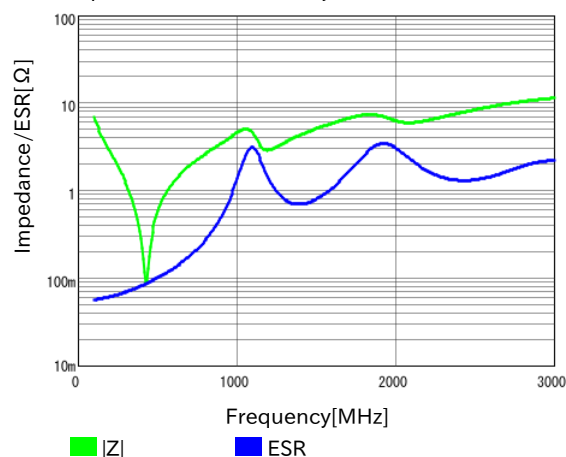
L	W	T
3.2+0.2/-0.2	2.5+0.2/-0.2	1.25+0/-0.3

## 2. Capacitance, Q and I.R.

	Specifications	Measuring condition
Capacitance	209pF to 231pF	1MHz / 1Vrms
Q	1000(min.)	1MHz / 1Vrms
I.R.	10000.0 (min.) MΩ	500Vdc, 60s

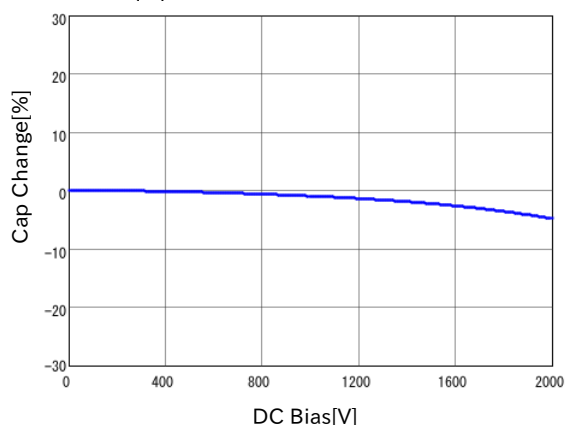
## 3. Impedance/ESR-Frequency

Equipment: Impedance/Network Analyzer



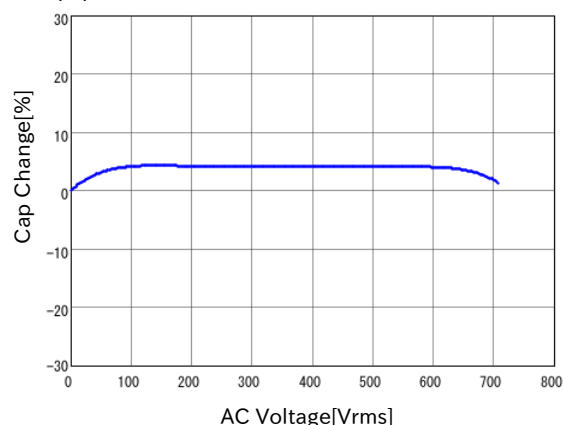
## 4. Capacitance-DC Bias Characteristics

1MHz / 1Vrms Equipment: LCR Meter



## 5. Capacitance-AC Voltage Characteristics

1MHz Equipment: LCR Meter



## 6. Capacitance-Temp. Characteristics

1MHz / 1Vrms Equipment: LCR Meter

