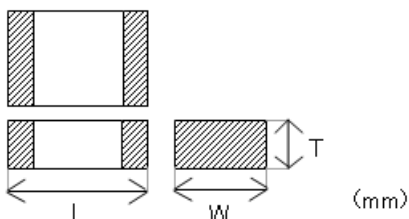


Murata Global Part No.	Size (mm/inch)	Temp. Chara.	Cap.Value	Cap.Tol	Rated Volt.	Durability (%Rated Volt.)
GRM155R61C105KA12	1005M/0402	X5R	1uF	+/-10%	16Vdc	150%

1. Dimension



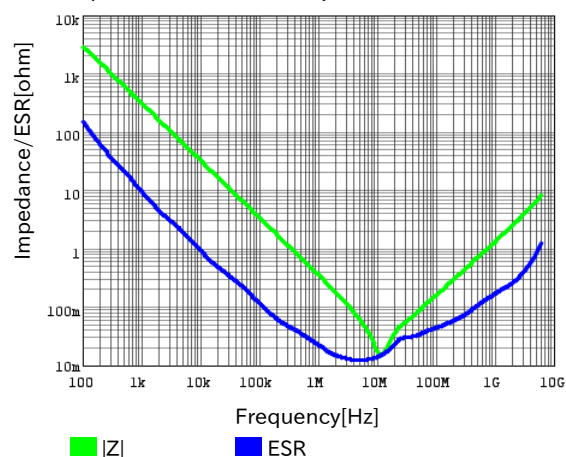
L	W	T
1.0+0.05/-0.05	0.5+0.05/-0.05	0.5+0.05/-0.05

2. Capacitance, D.F. and I.R.

	Specifications	Measuring condition
Capacitance	0.9uF to 1.1uF	1kHz / 1Vrms
D.F.	0.125(max.)	1kHz / 1Vrms
I.R.	50 (min.) Mohm	16.0V, 60s

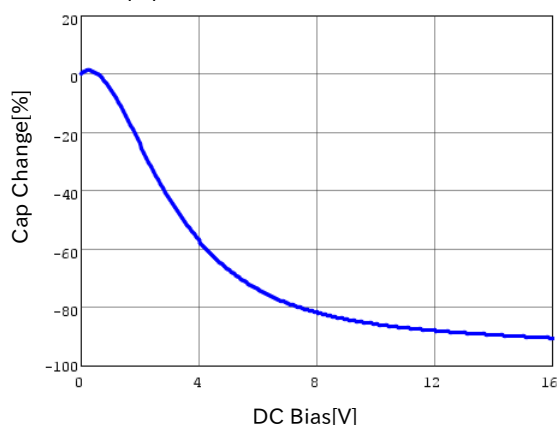
3. Impedance/ESR-Frequency

Equipment: Impedance/Network Analyzer



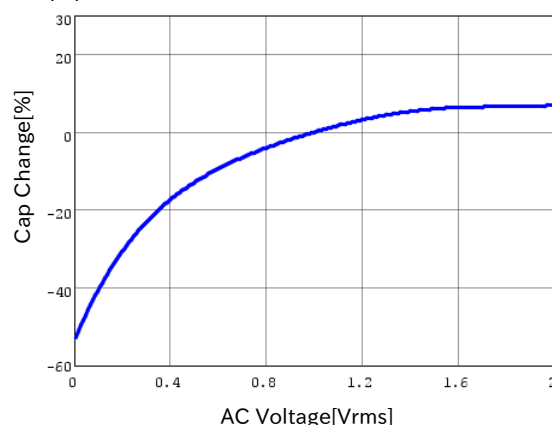
4. Capacitance-DC Bias Characteristics

1kHz / 1Vrms Equipment: LCR Meter



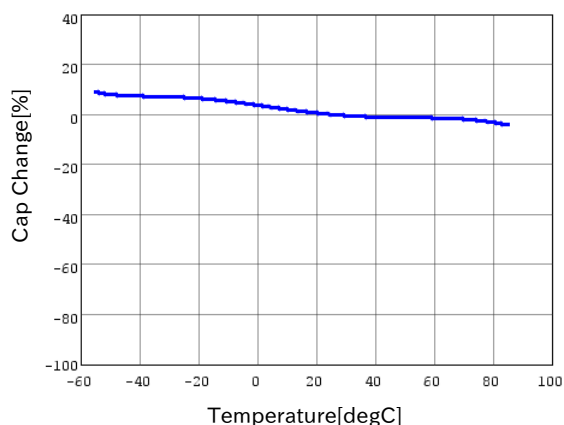
5. Capacitance-AC Voltage Characteristics

1kHz Equipment: LCR Meter



6. Capacitance-Temp. Characteristics

1kHz / 1Vrms Equipment: LCR Meter



7. Temperature Rise-Ripple Current

Equipment: Temperature Rise - Ripple Current Measurement system

