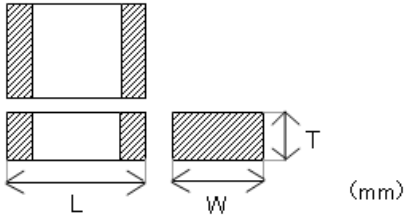


Murata Global Part No.	Size(mm/inch)	Temp.Chara.	Cap.Value	Cap.Tol	Volt.
GRM155R61A475ME02	1005M/0402	X5R	4.7uF	+/-20%	10V

1. Dimension



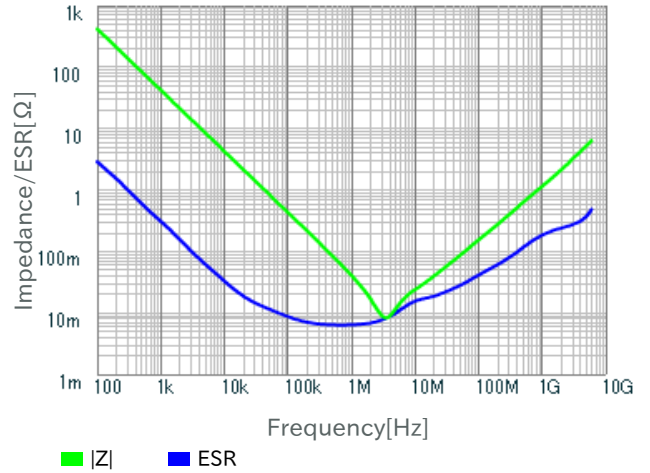
L	W	T
1.0+0.15/-0.15	0.5+0.15/-0.15	0.5+0.15/-0.15

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

	Specifications	Measuring condition
Capacitance	3.76uF to 5.64uF	1kHz / 1Vrms
D.F.	0.1 (max.)	1kHz / 1Vrms
I.R.	10.64 (min.) MΩ	10V, 60s

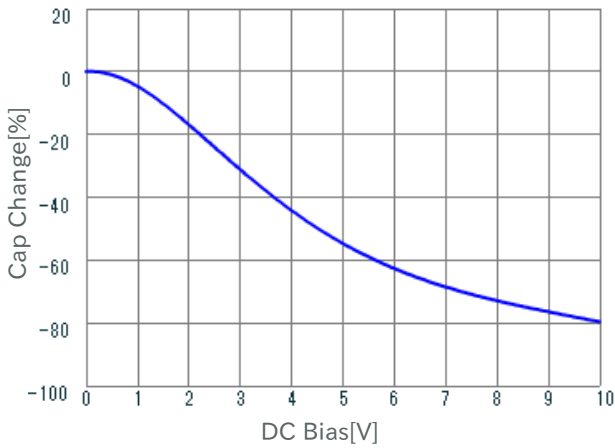
3. Impedance/ESR-Frequency

Equipment: Impedance & network analyzer



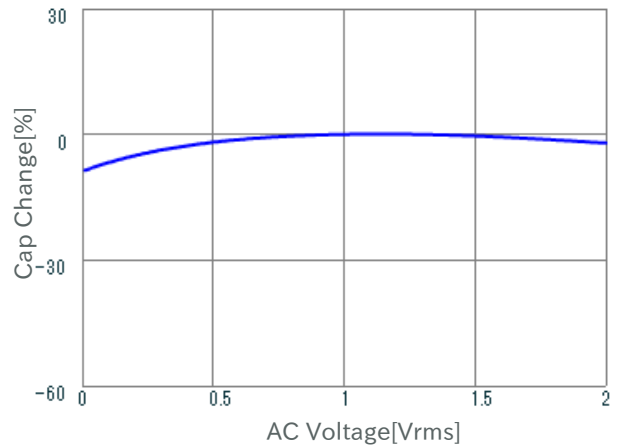
4. Capacitance-DC Bias Characteristics

1kHz / 1Vrms Equipment: LCR meter



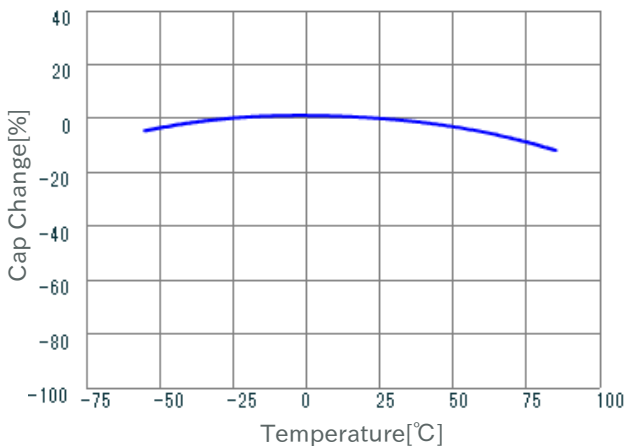
5. Capacitance-AC Voltage Characteristics

1kHz Equipment: LCR meter



6. Capacitance-Temp. Characteristics

1kHz / 0.1Vrms Equipment: LCR meter



7. Temperature Rise-Ripple Current

