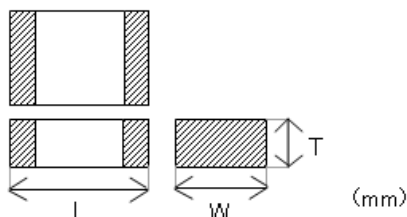


Murata Global Part No.	Size(mm/inch)	Temp.Chara.	Cap.Value	Cap.Tol	Volt.
GRM21BR61C475KA88	2012M/0805	X5R	4.7uF	+/-10%	16V

1. Dimension



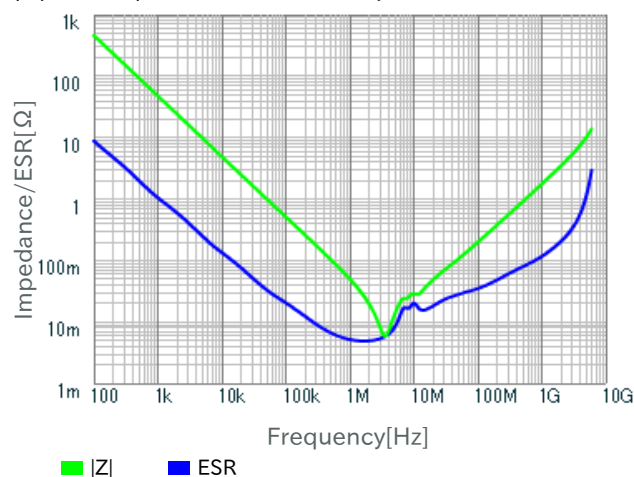
L	W	T
2.0+0.1/-0.1	1.25+0.1/-0.1	1.25+0.1/-0.1

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

	Specifications	Measuring condition
Capacitance	4.23uF to 5.17uF	1kHz / 1Vrms
D.F.	0.1 (max.)	1kHz / 1Vrms
I.R.	10.64 (min.) MΩ	16V, 60s

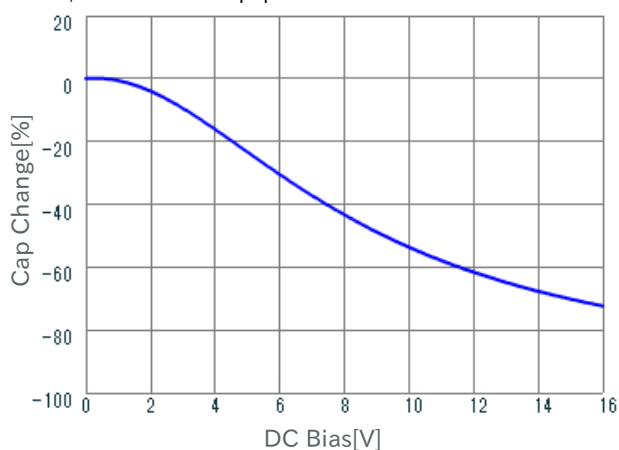
3. Impedance/ESR-Frequency

Equipment: Impedance & network analyzer



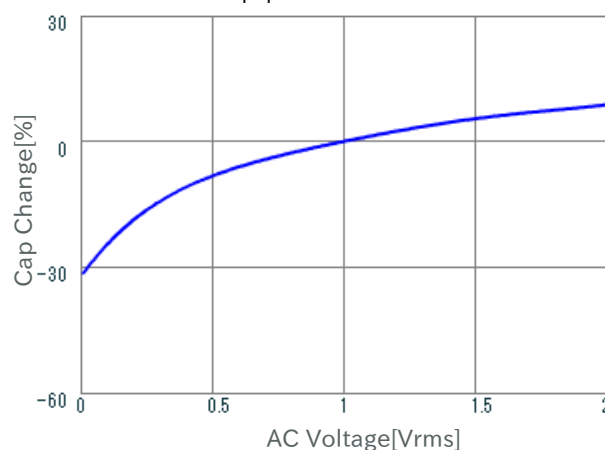
4. Capacitance-DC Bias Characteristics

1kHz / 1Vrms Equipment: LCR meter



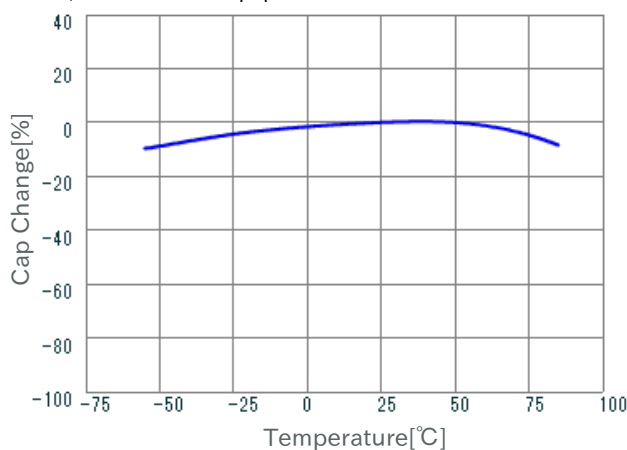
5. Capacitance-AC Voltage Characteristics

1kHz Equipment: LCR meter



6. Capacitance-Temp. Characteristics

1kHz / 1Vrms Equipment: LCR meter



7. Temperature Rise-Ripple Current

