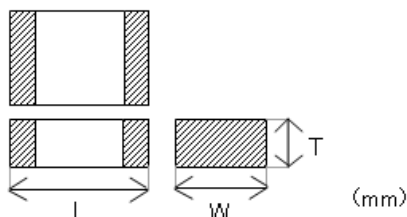


Murata Global Part No.	Size(mm/inch)	Temp.Chara.	Cap.Value	Cap.Tol	Volt.
GRJ188R60J475ME11	1608M/0603	X5R	4.7uF	+/-20%	6.3V

1. Dimension



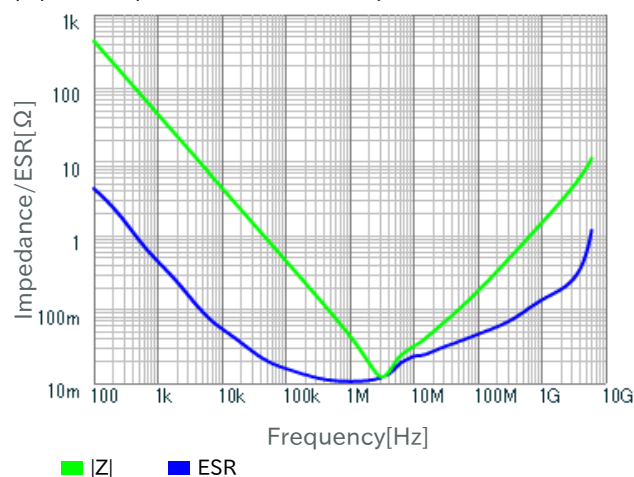
L	W	T
1.6+0.2/-0.2	0.8+0.1/-0.1	0.8+0.1/-0.1

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	6.3V, 60s

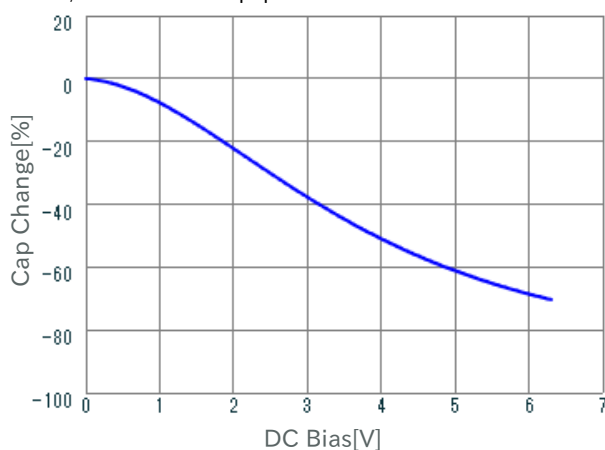
3. Impedance/ESR-Frequency

Equipment: Impedance & network analyzer



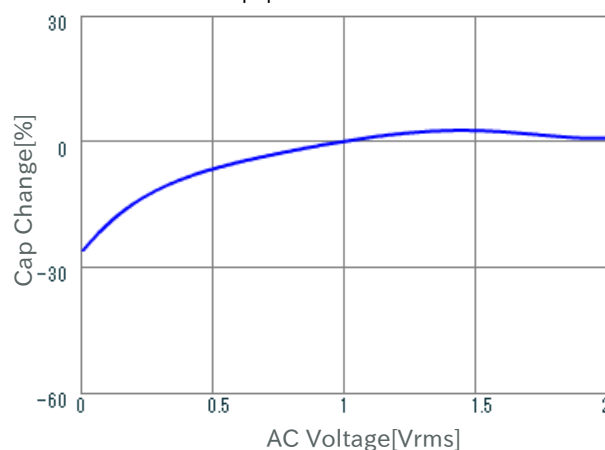
4. Capacitance-DC Bias Characteristics

1kHz / 1Vrms Equipment: LCR meter



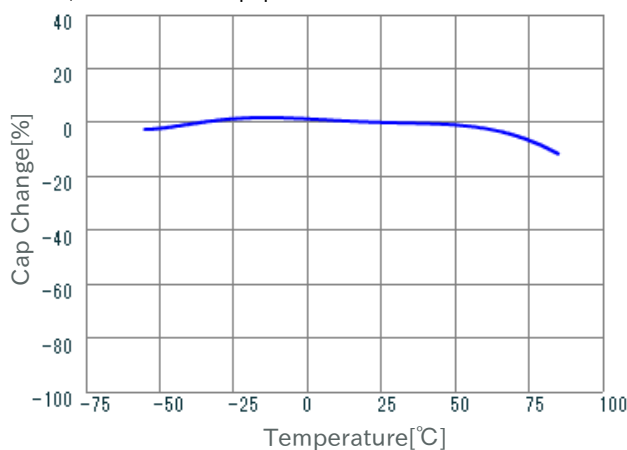
5. Capacitance-AC Voltage Characteristics

1kHz Equipment: LCR meter



6. Capacitance-Temp. Characteristics

1kHz / 0.5Vrms Equipment: LCR meter



7. Temperature Rise-Ripple Current

