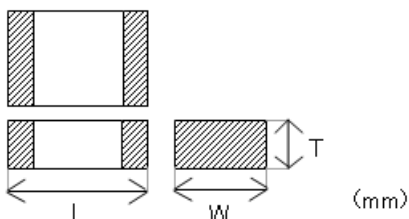


Murata Global Part No.	Size (mm/inch)	Temp. Chara.	Cap.Value	Cap.Tol	Rated Volt.	Durability (%Rated Volt.)
GRM188R60J476ME01	1608M/0603	X5R	47uF	+/-20%	6.3Vdc	100%

1. Dimension



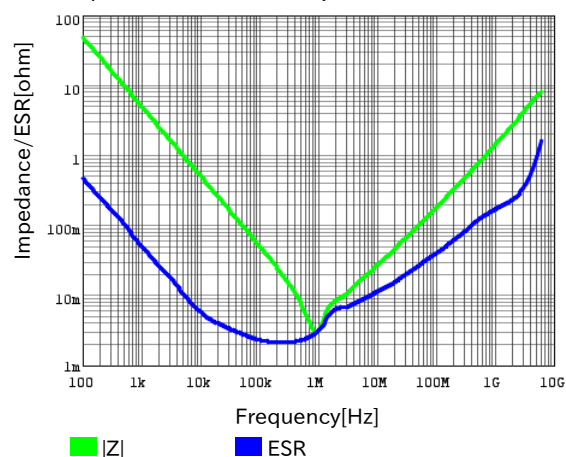
L	W	T
1.6+0.2/-0.2	0.8+0.2/-0.2	0.8+0.2/-0.2

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

	Specifications	Measuring condition
Capacitance	37.6uF to 56.4uF	120Hz / 0.5Vrms
D.F.	0.1(max.)	120Hz / 0.5Vrms
I.R.	1.06 (min.) Mohm	6.3V, 60s

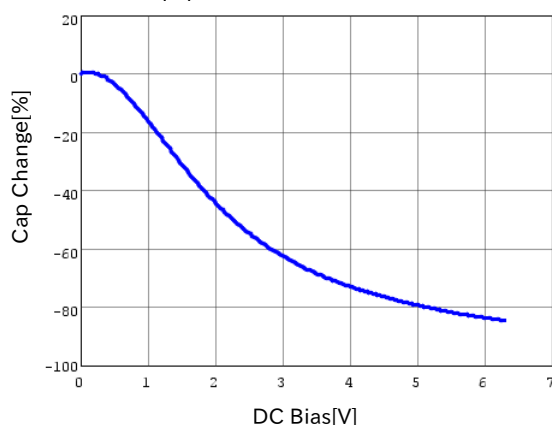
3. Impedance/ESR-Frequency

Equipment: Impedance/Network Analyzer



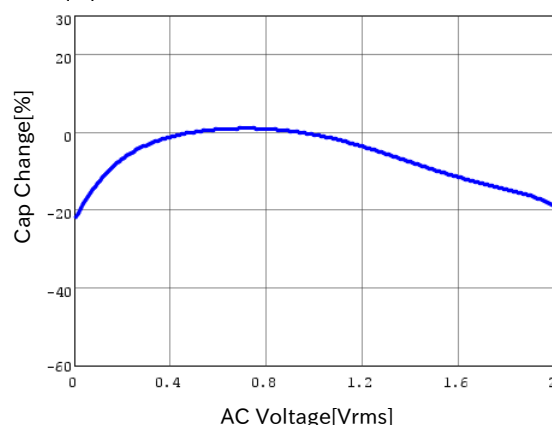
4. Capacitance-DC Bias Characteristics

120Hz / 0.5Vrms Equipment: LCR Meter



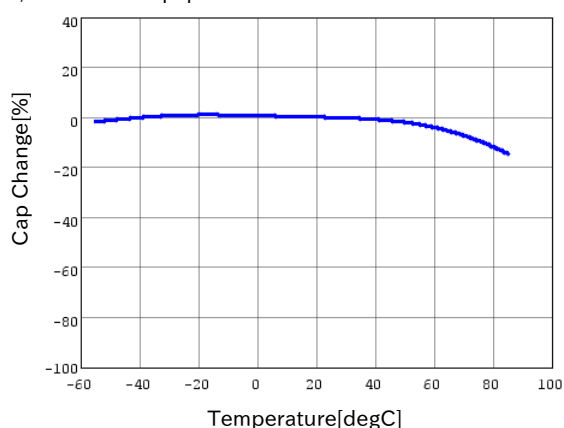
5. Capacitance-AC Voltage Characteristics

120Hz Equipment: LCR Meter



6. Capacitance-Temp. Characteristics

120Hz / 0.2Vrms Equipment: LCR Meter



7. Temperature Rise-Ripple Current

Equipment: Temperature Rise - Ripple Current Measurement system

