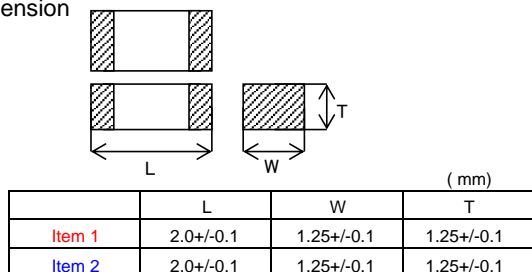


Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

	Murata Global Part No	Size (mm/inch)	Temp. Chara.	Cap.Value	Cap.Tol.	Volt.	Durability (%Rated Volt.)
Item 1	GCM21BR70J106K_Murata Philippine	2012M/0805	X7R	10uF	+/-10%	6.3V	150 %
Item 2	GCM21BR70J106K_Murata Japan	2012M/0805	X7R	10uF	+/-10%	6.3V	150 %

1. Dimension



2. Cap,DF,IR

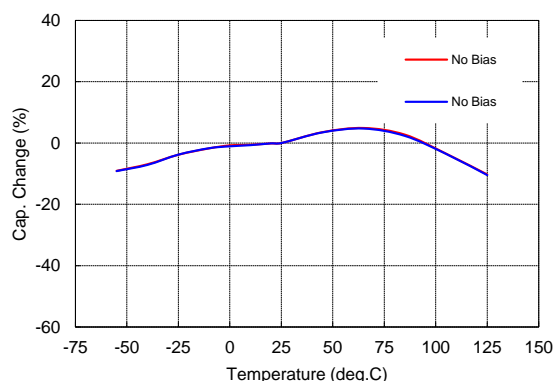
Capacitance,DF 1kHz, 1Vrms

IR 6.3V, 120s

Spec	Cap.[μF]	DF	IR[M ohm]
Item 1	9 to 11	0.05 max.	5.0E+01 min.
Item 2	9 to 11	0.05 max.	5.0E+01 min.

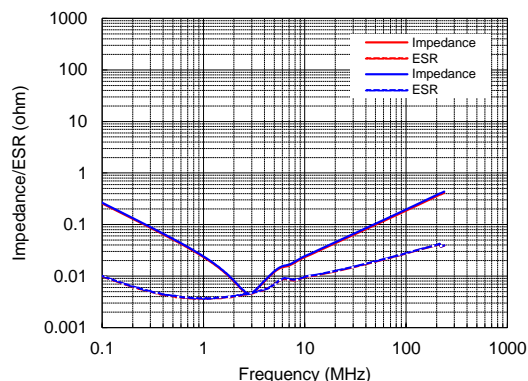
3. Capacitance - Temperature Characteristics

1kHz, 1Vrms Equipment: HP4284A



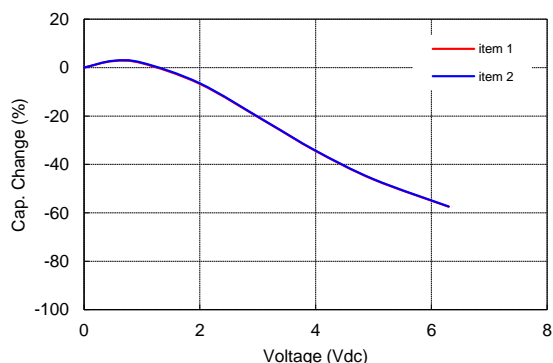
4. Impedance/ESR - Frequency

Equipment: E5061B/E5071C(Agilent)



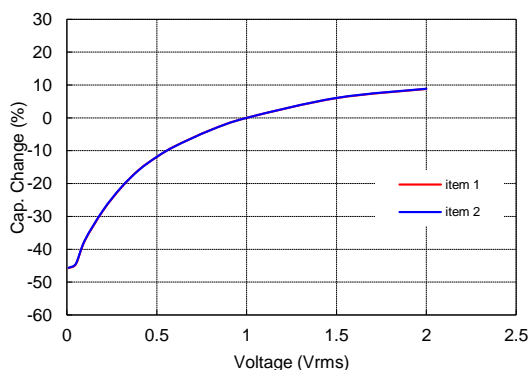
5. Capacitance - DC Voltage Characteristics

1kHz, 1Vrms Equipment: HP4284A



6. Capacitance - AC Voltage Characteristics

1kHz Equipment: HP4284A



Regarding detailed specifications, please check catalog or product specification. Information in this PDF are as of Aug.2018. They are subject to change or our products in it may be discontinued without advance notice. Please check the latest information before usage of the products.

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