

# GRM21BB31H105KA12#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM21BB31H105KA12L      GRM21BB31H105KA12K

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	3000
K	330Embossed Tape	10000

Mass (typ.)	
1 piece	17.0mg
φ180mm Reel	102g

### Attention

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## Specifications

Length	2.0±0.1mm
Width	1.25±0.1mm
Thickness	1.25±0.1mm
Capacitance	1.0μF ±10%
Distance between external terminals g	0.7mm min.
External terminal size e	0.2 to 0.7mm
Operating Temperature Range	-25°C to 85°C
Rated Voltage	50Vdc
Size code in inch(mm)	0805 (2012M)
Capacitance change rate	±10.0%
Temperature characteristics (complied standard)	B(JIS)
Temperature range of temperature characteristics	-25°C to 85°C

### Attention

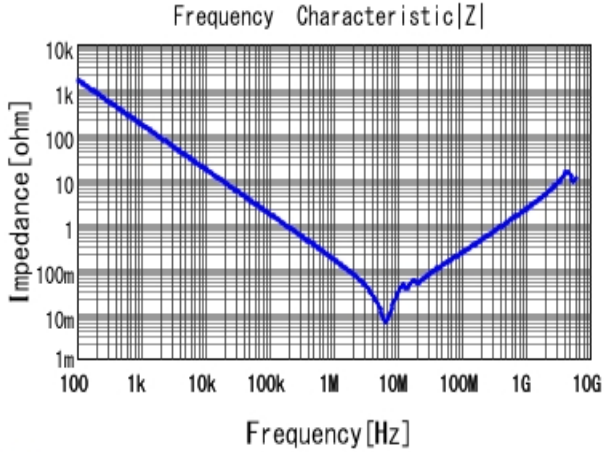
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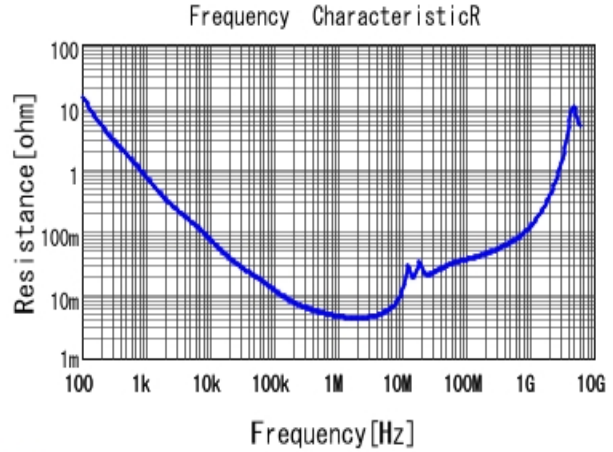
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## Characteristic Data

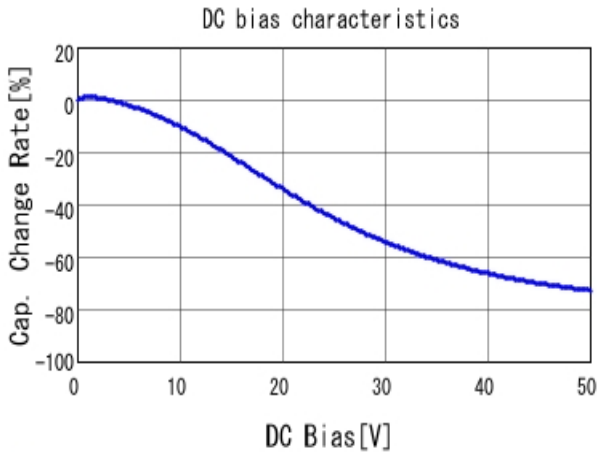
The charts below may show another part number which shares its characteristics.



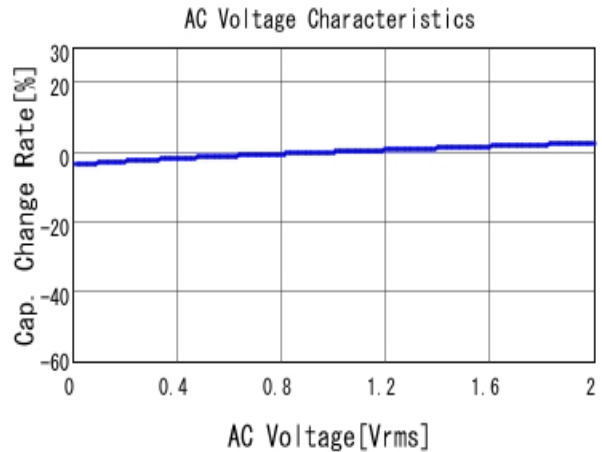
■ GRM21BB31H105KA12 |Z| DCOV, 20degC



■ GRM21BB31H105KA12 R DCOV, 20degC



■ GRM21BB31H105KA12 C-DC bias capchange, 20.0degC, AC1.



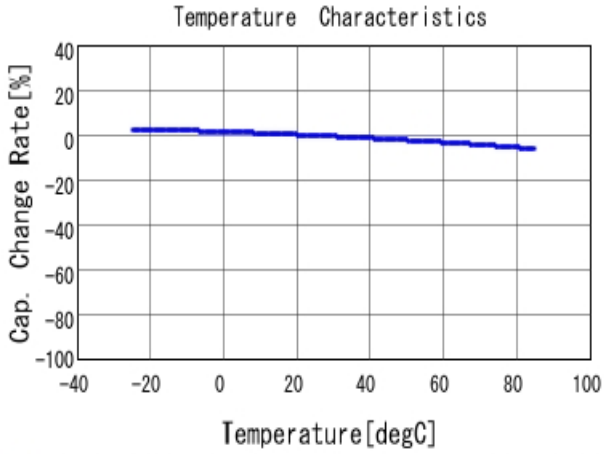
■ GRM21BB31H105KA12 C-AC Voltage capchange, DCOV, 20.0d

**Attention**

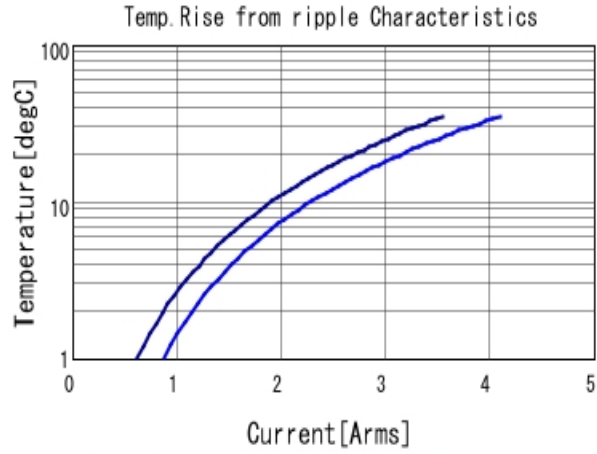
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■ GRM21BB31H105KA12 C-Temp. capchange, DC0.0V, AC1.0V<sub>rm</sub>



GRM21BB31H105KA12 Temp. rise ■ 500kHz ■ 1MHz

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