

GRM31MR71C105KA01#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM31MR71C105KA01L GRM31MR71C105KA01K

Appearance & Shape



References

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

Mass (typ.)	
1 piece	34.0mg
φ180mm Reel	149g

Attention

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Specifications

Length	3.2±0.15mm
Width	1.6±0.15mm
Thickness	1.15±0.1mm
Capacitance	1.0μF ±10%
Distance between external terminals g	1.5mm min.
External terminal size e	0.3 to 0.8mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	16Vdc
Size code in inch(mm)	1206 (3216M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55°C to 125°C

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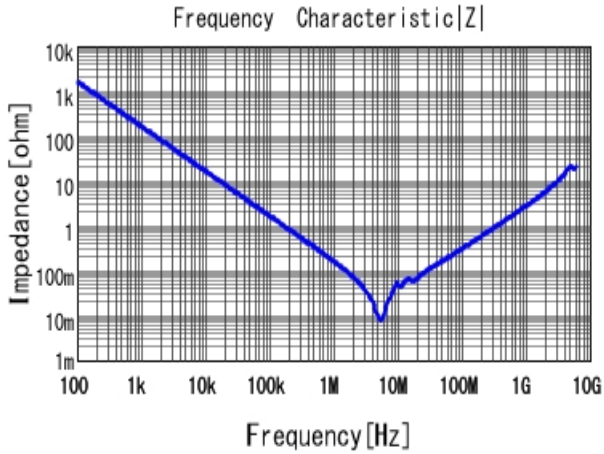
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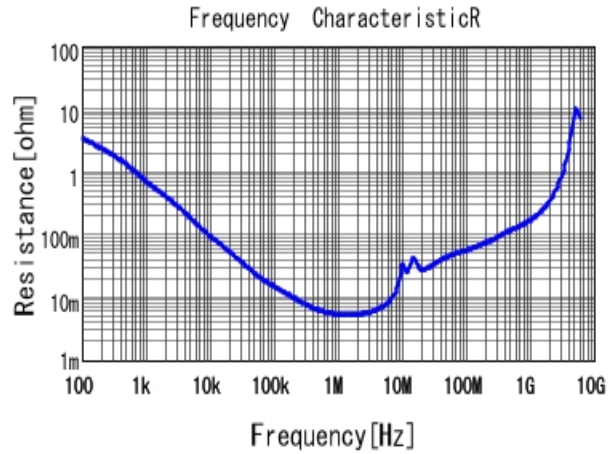
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Characteristic Data

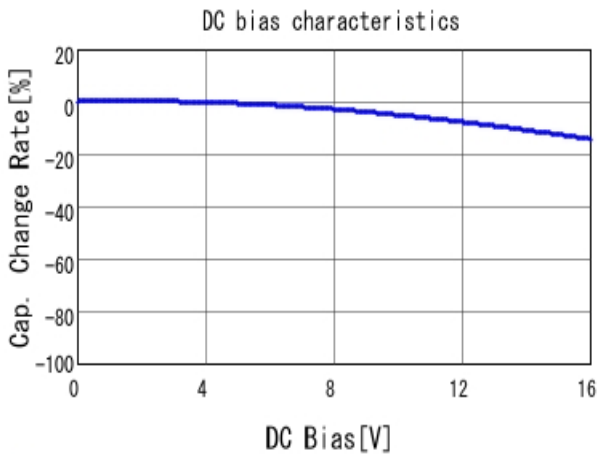
The charts below may show another part number which shares its characteristics.



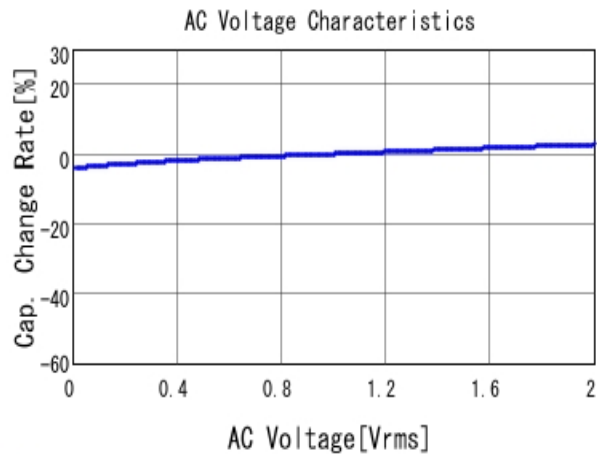
■ GRM31MR71C105KA01 |Z| DCOV, 25degC



■ GRM31MR71C105KA01 R DCOV, 25degC



■ GRM31MR71C105KA01 C-DC bias capchange, 25.0degC, AC1.



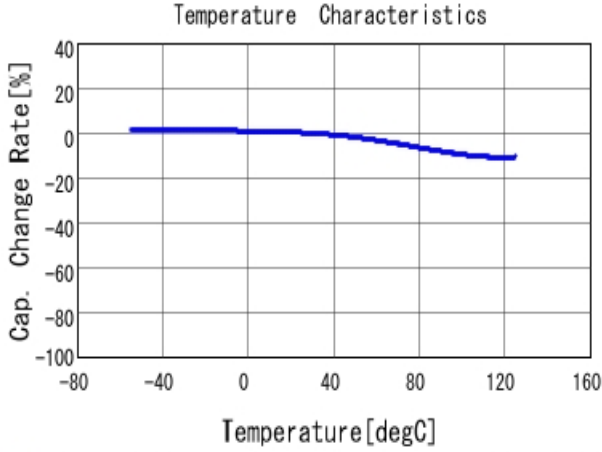
■ GRM31MR71C105KA01 C-AC Voltage capchange, DCOV, 25.0d

Attention

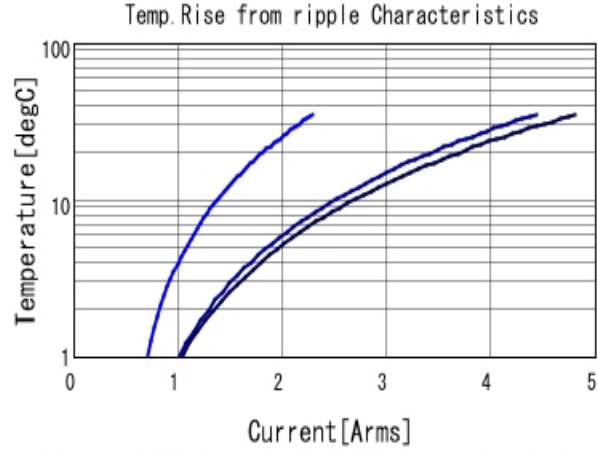
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■ GRM31MR71C105KA01 C-Temp. capchange, DC0.0V, AC1.0V_{rm}



GRM31MR71C105KA01 Temp. rise ■ 100kHz ■ 500kHz ■ 1MHz

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