

# GRM31CR72A105KA01#

“#” indicates a package specification code.



## < List of part numbers with package codes >

GRM31CR72A105KA01L      GRM31CR72A105KA01K

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	2000
K	330Embossed Tape	6000

Mass (typ.)	
1 piece	52.0mg
φ180mm Reel	144g

### Attention

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## Specifications

Length	3.2±0.2mm
Width	1.6±0.2mm
Thickness	1.6±0.2mm
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	100Vdc
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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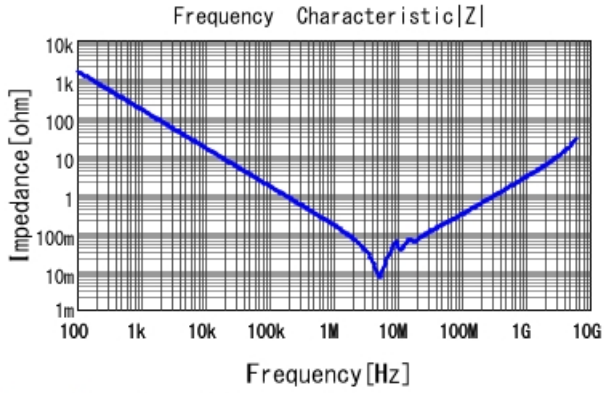
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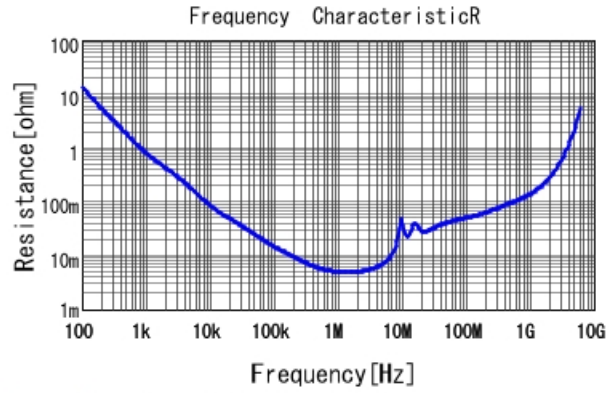


## Characteristic Data

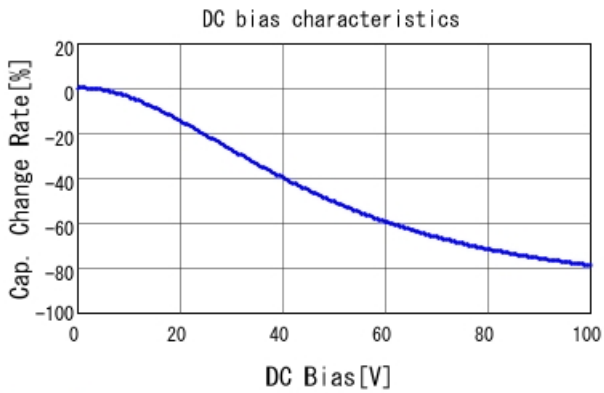
The charts below may show another part number which shares its characteristics.



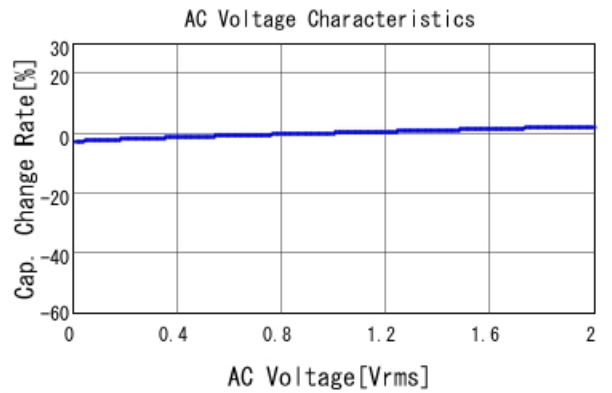
GRM31CR72A105KA01 |Z| DCOV, 25degC



GRM31CR72A105KA01 R DCOV, 25degC



GRM31CR72A105KA01 C-DC bias capchange, 25.0degC, A



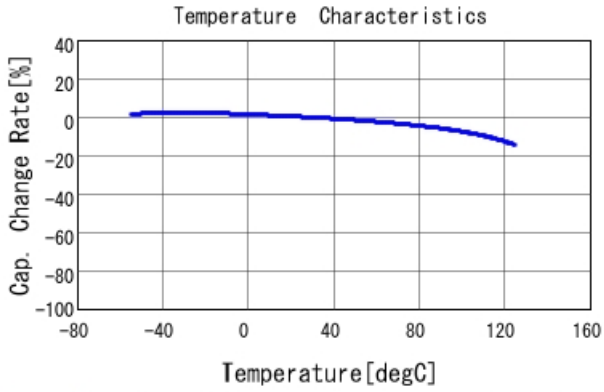
GRM31CR72A105KA01 C-AC Voltage capchange, DCOV, 25

**Attention**

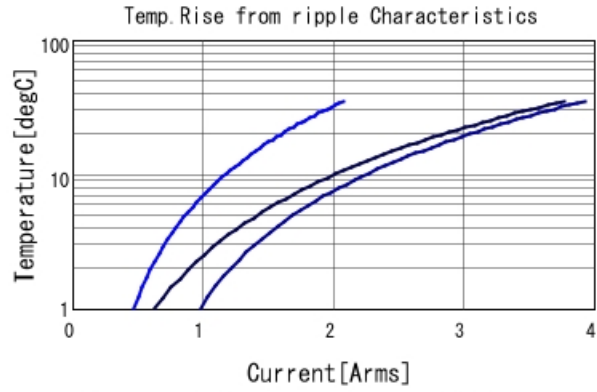
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GRM31CR72A105KA01 C-Temp. capchange, DC0.0V, AC1.C



GRM31CR72A105KA01 Temp. rise — 100kHz — 500

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