

# GRM188R71C105KA12#

"#" indicates a package specification code.

To be discontinued

RoHS

REACH

125 °Cmax.

Reflow OK

Flow OK

< List of part numbers with package codes >

GRM188R71C105KA12D

GRM188R71C105KA12J

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive infotainment/comfort equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.

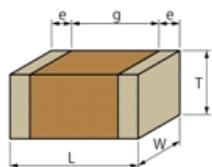
## References

Packaging	Specifications	Standard Packing Quantity
D	ø180mm Reel Paper Tape	4000
J	ø330mm Reel Paper Tape	10000

Mass (typ.)

1 piece	6.3mg
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## Appearance & Shape



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### Attention

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## Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	1.0 $\mu$ F ±10%
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	16Vdc
Size code in inch(mm)	0603 (1608M)
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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### Attention

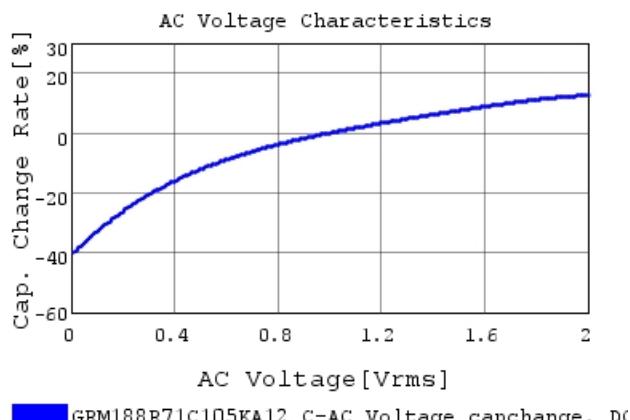
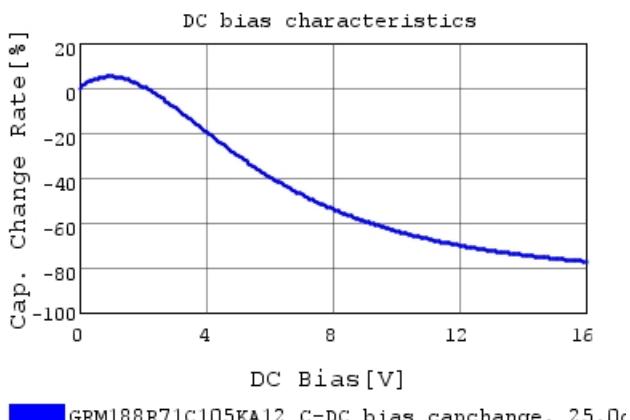
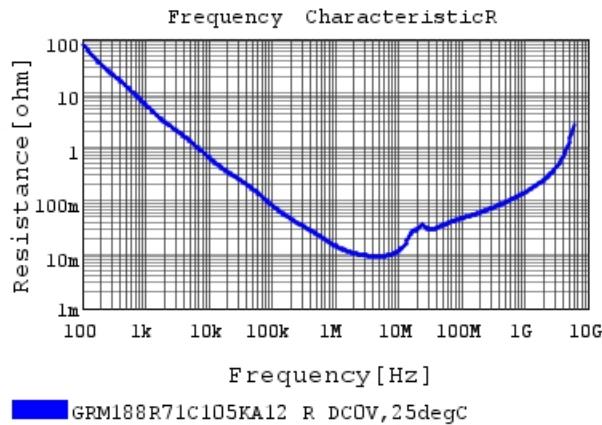
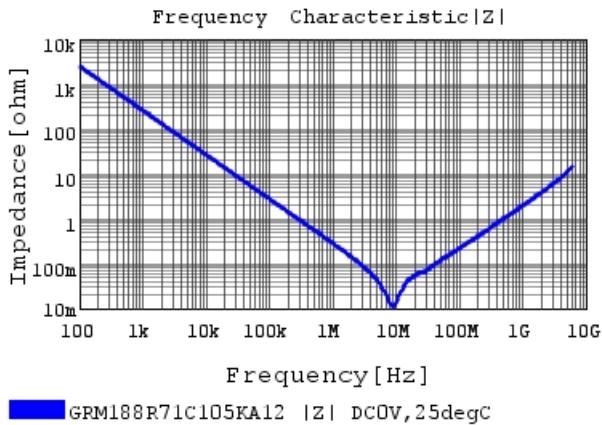
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## Characteristic Data

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



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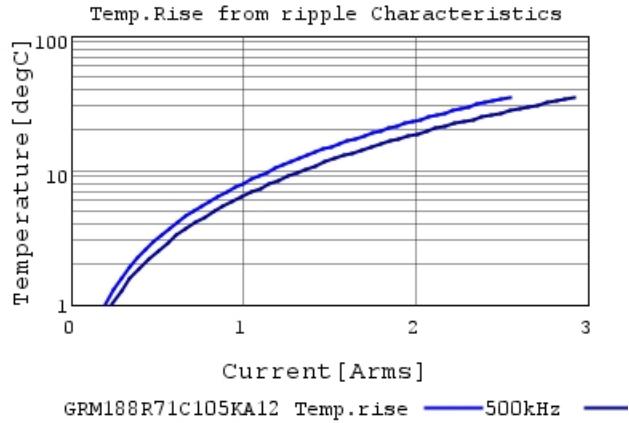
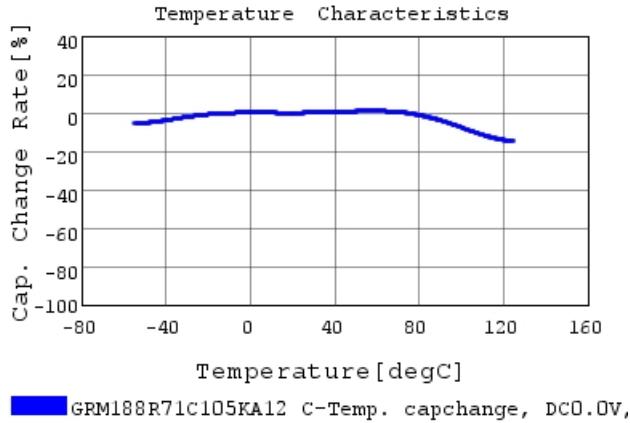
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Note: This datasheet may be out of date.

Please download the latest datasheet of GRM188R71C105KA12# from the official website of Murata Manufacturing Co., Ltd.

<http://www.murata.com/en/products/productdetail?partno=GRM188R71C105KA12%23>

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