

GRM188R61C105KA12#

“#” at the end indicates the package specification code.



< List of part numbers with package codes >

GRM188R61C105KA12D GRM188R61C105KA12J

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.

Appearance & Shape



Notices

Derating1

References

Packaging	Specifications	Standard Packing Quantity
D	φ180mm Reel Paper Tape	4000
J	φ330mm Reel Paper Tape	10000

Mass (typ.)	
1 piece	6.3mg

Attention

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Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	1.0μF ±10%
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	16Vdc
Size code in inch(mm)	0603 (1608M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X5R(EIA)
Temperature range of temperature characteristics	-55°C to 85°C

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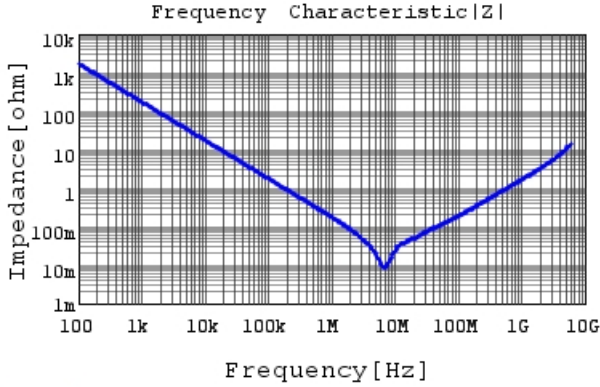
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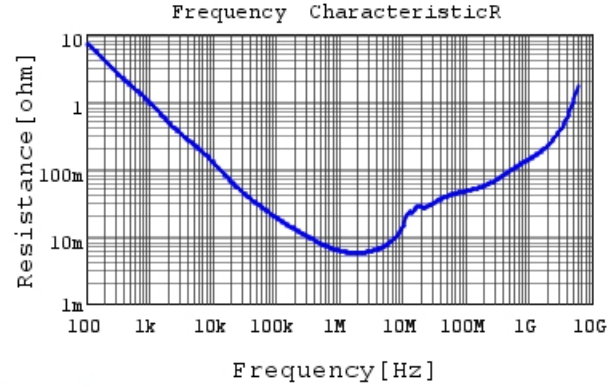


Characteristic Data

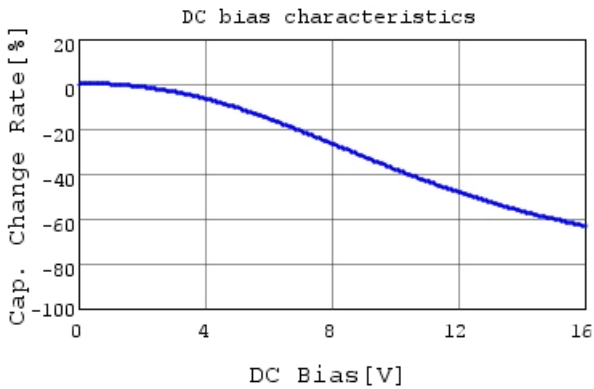
The charts below may show another part number which shares its characteristics.



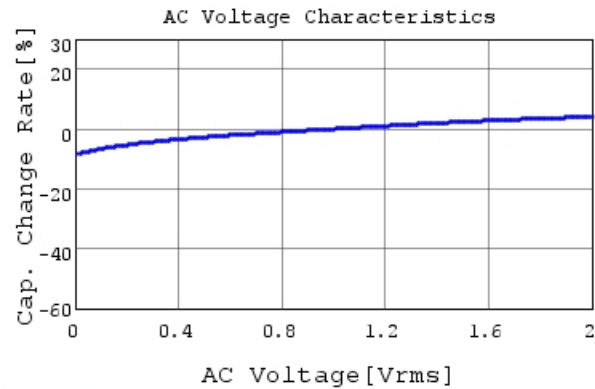
GRM188R61C105KA12 |Z| DCOV,25degC



GRM188R61C105KA12 R DCOV,25degC



GRM188R61C105KA12 C-DC bias capchange, 25.0c



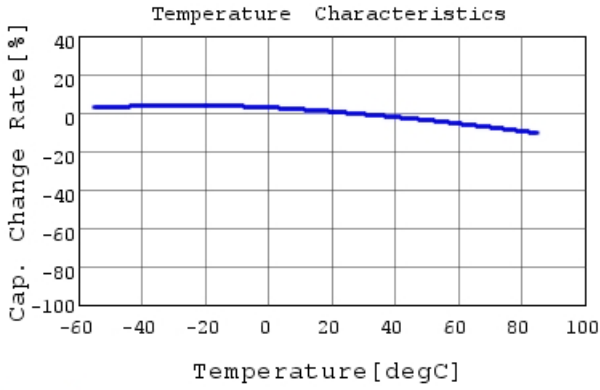
GRM188R61C105KA12 C-AC Voltage capchange, Dc

Attention

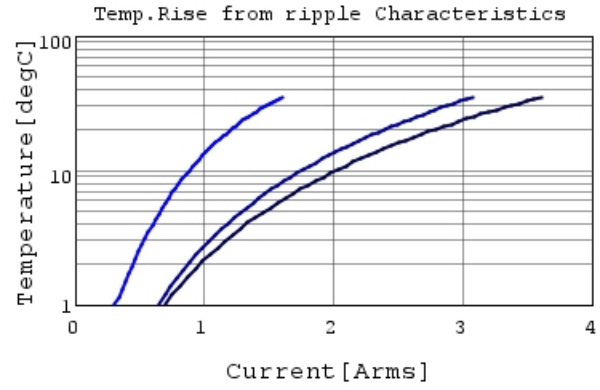
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GRM188R61C105KA12 C-Temp. capchange, DC0.0V,



GRM188R61C105KA12 Temp.rise — 100kHz

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