

GRM188B31A106KE69#

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



< List of part numbers with package codes >

GRM188B31A106KE69D GRM188B31A106KE69W GRM188B31A106KE69J
GRM188B31A106KE69V

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.

Notices

Derating1

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
D	φ180mm Reel Paper Tape	4000
W	φ180mm Reel W8P2 Paper Tape	8000
J	φ330mm Reel Paper Tape	10000
V	φ330mm Reel W8P2 Paper Tape	30000

Mass (typ.)	
1 piece	8.1mg

Attention
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2. This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Specifications

Length	1.6±0.15mm
Width	0.8±0.15mm
Thickness	0.8±0.15mm
Capacitance	10μF ±10%
Distance between external terminals g	0.6mm min.
External terminal size e	0.2 to 0.55mm
Operating Temperature Range	-25°C to 85°C
Rated Voltage	10Vdc
Size code in inch(mm)	0603 (1608M)
Capacitance change rate	±10.0%
Temperature characteristics (complied standard)	B(JIS)
Temperature range of temperature characteristics	-25°C to 85°C

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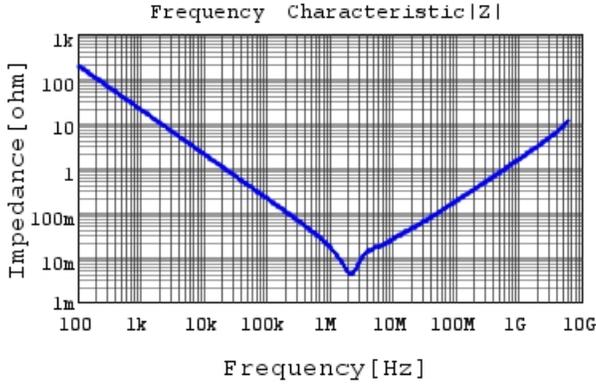
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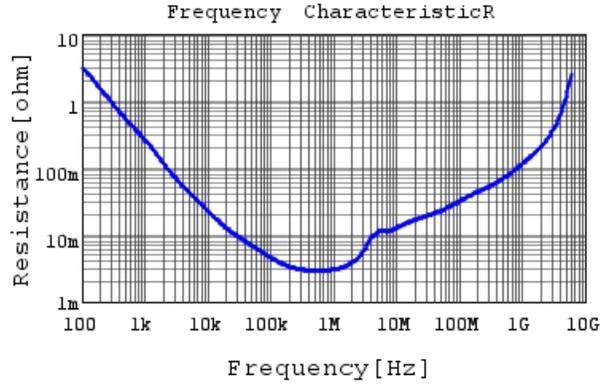


Characteristic Data

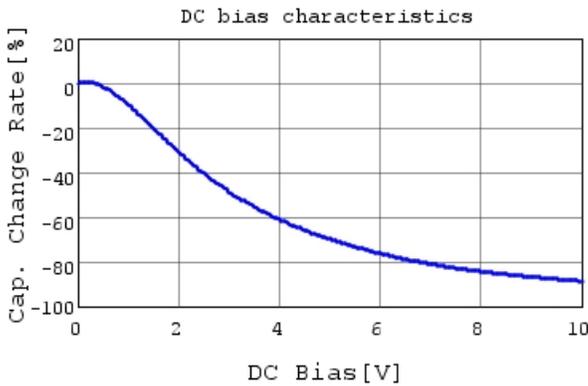
The charts below may show another part number which shares its characteristics.



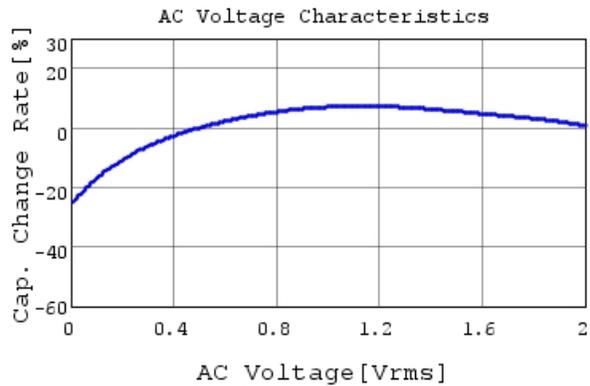
GRM188B31A106KE69 |Z| DCOV, 20degC



GRM188B31A106KE69 R DCOV, 20degC



GRM188B31A106KE69 C-DC bias capchange, 20.0c



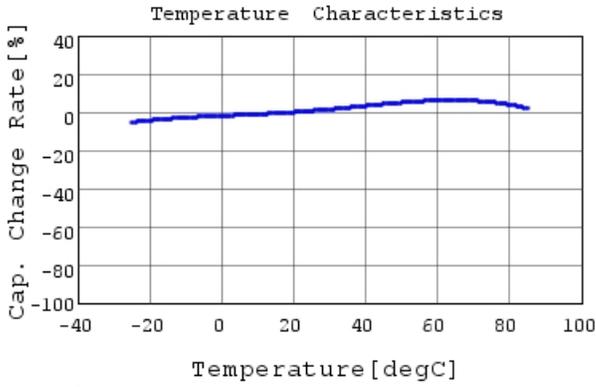
GRM188B31A106KE69 C-AC Voltage capchange, Dc

Attention

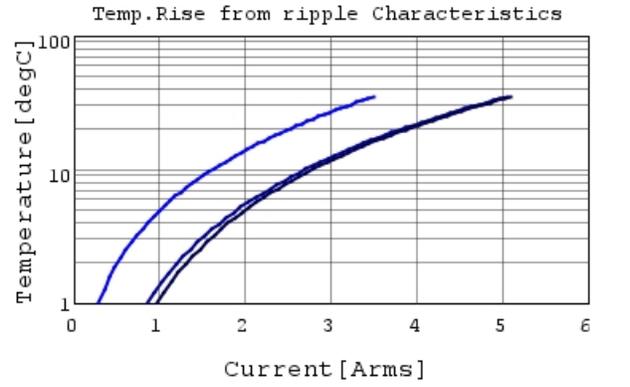
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GRM188B31A106KE69 C-Temp. capchange, DC0.0V,



GRM188B31A106KE69 Temp.rise — 80kHz

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