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"#"at the end indicates the package specification code.

NRND RoHS REACH 85 °C max. Reflow OK Derating 1

< List of part numbers with package codes >

GRM152B31A104KE19D GRM152B31A104KE19J

Applications

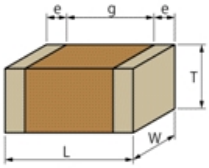
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,Automotive infotainment/comfort equipment Please refer to Our Website 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	20000
J	φ330mm Reel Paper Tape	50000

Mass (typ.)	
1 piece	0.9mg

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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	1.0±0.05mm
Width	0.5±0.05mm
Thickness	0.2+0.02/-0.04mm
Capacitance	0.10μF ±10%
Distance between external terminals g	0.3mm min.
External terminal size e	0.15 to 0.35mm
Operating Temperature Range	-25℃ to 85℃
Rated Voltage	10Vdc
Size code in inch(mm)	0402 (1005M)
Capacitance change rate	±10.0%
Temperature characteristics (complied standard)	B(JIS)
Temperature range of temperature characteristics	-25℃ to 85℃

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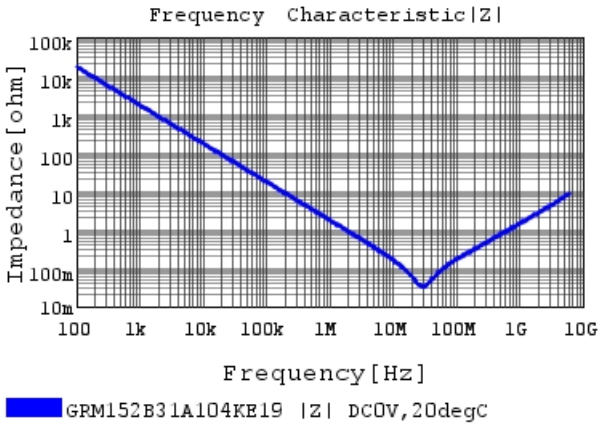
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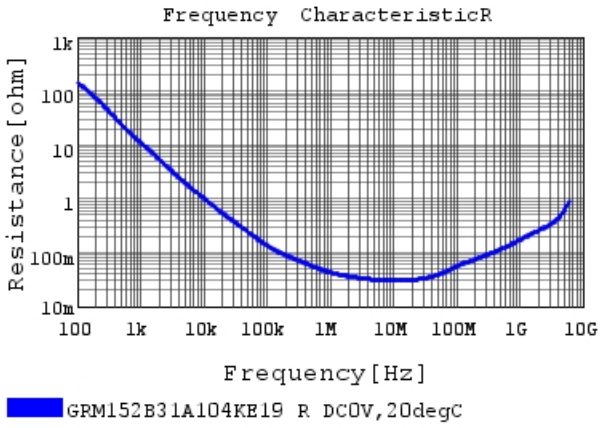
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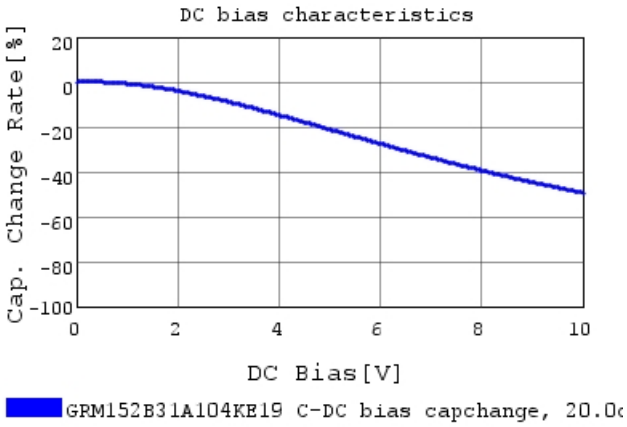
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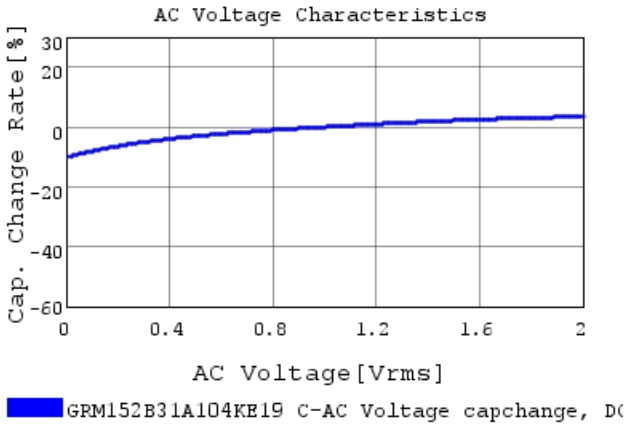
Characteristic Data

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









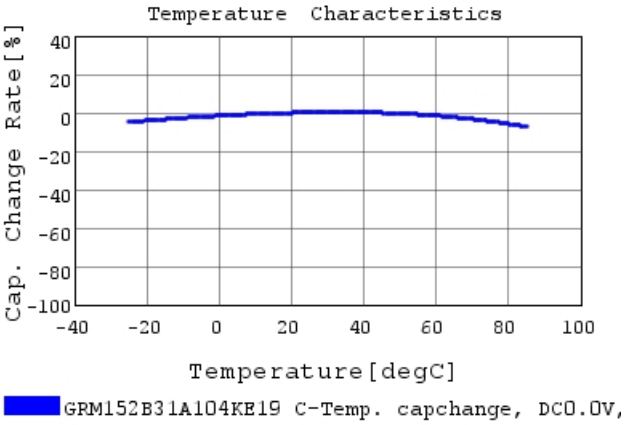
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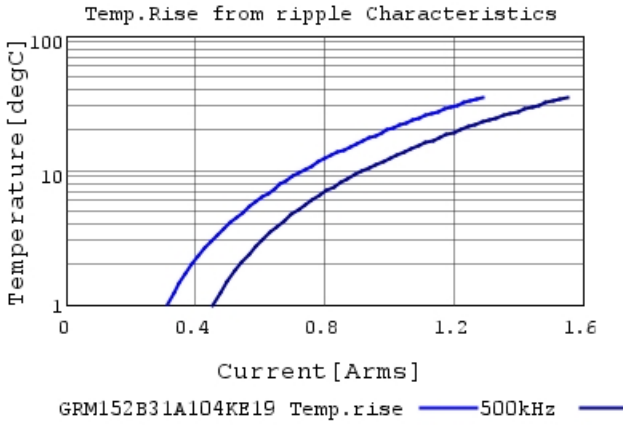
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