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

In Production | RoHS | REACH | 125 °C max. | Reflow OK | Flow OK | Derating 1

< List of part numbers with package codes >

GRM31C5C1H224GE02L GRM31C5C1H224GE02K

Applications

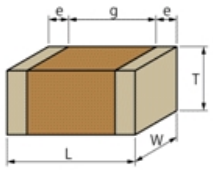
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,Automotive infotainment/comfort equipment Please refer to Our Website 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
L	180Embossed Tape	2000
K	330Embossed Tape	6000

Mass (typ.)	
1 piece	38.0mg

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Specifications

Length	3.2±0.2mm
Width	1.6±0.2mm
Thickness	1.6±0.2mm
Capacitance	0.22μF ±2%
Distance between external terminals g	1.5mm min.
External terminal size e	0.3 to 0.8mm
Operating Temperature Range	-55℃ to 125℃
Rated Voltage	50Vdc
Size code in inch(mm)	1206 (3216M)
TC	0±30ppm/℃
Temperature characteristics (complied standard)	C0G(EIA)
Temperature range of temperature characteristics	25℃ to 125℃

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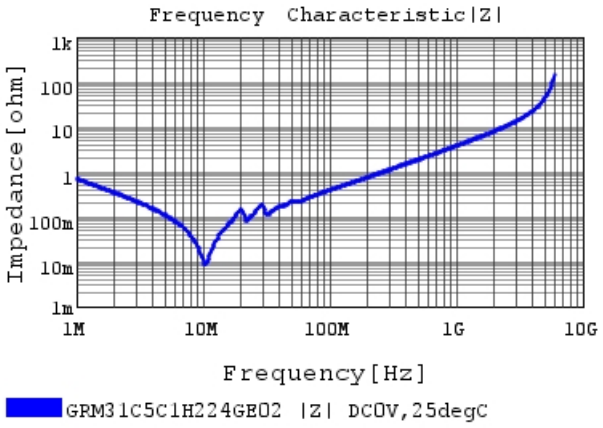
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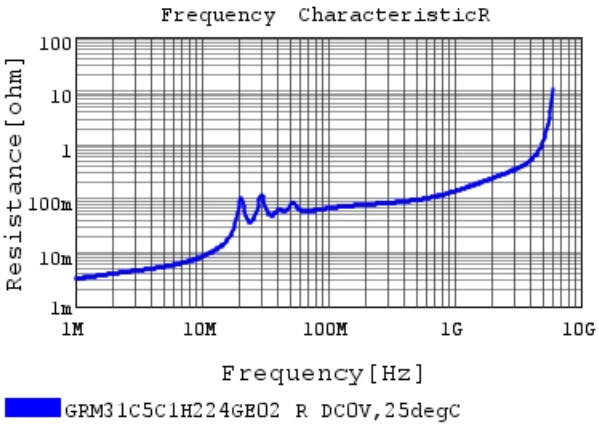
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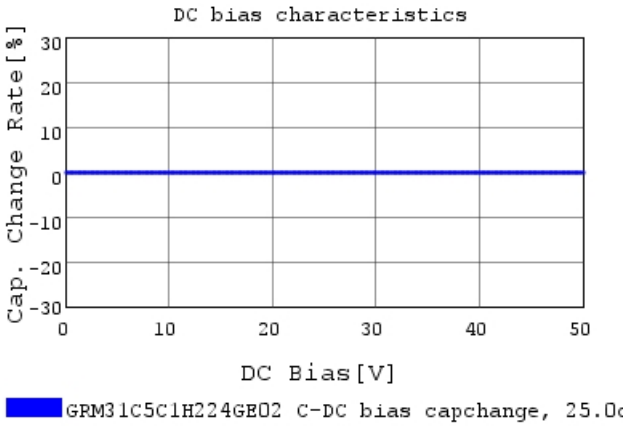
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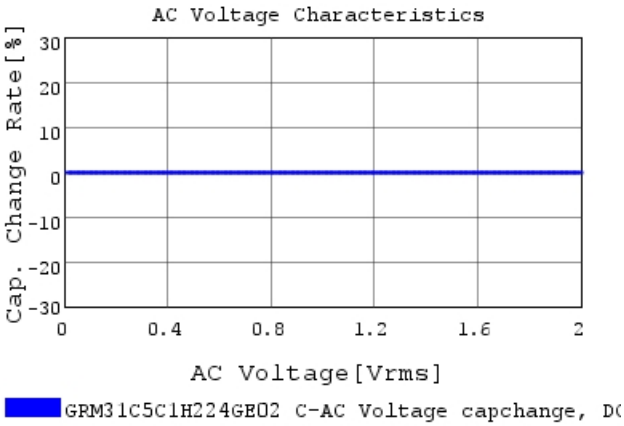
Characteristic Data

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









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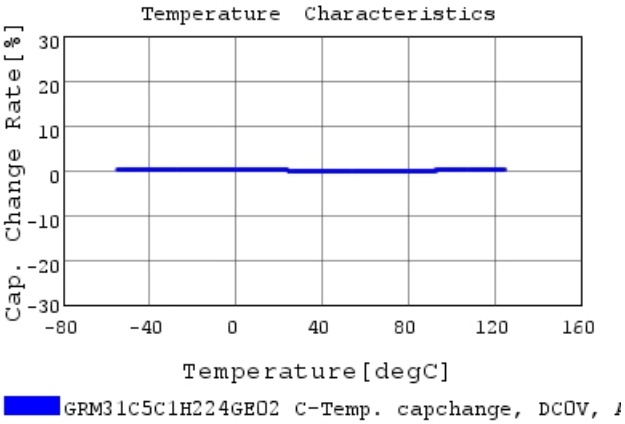
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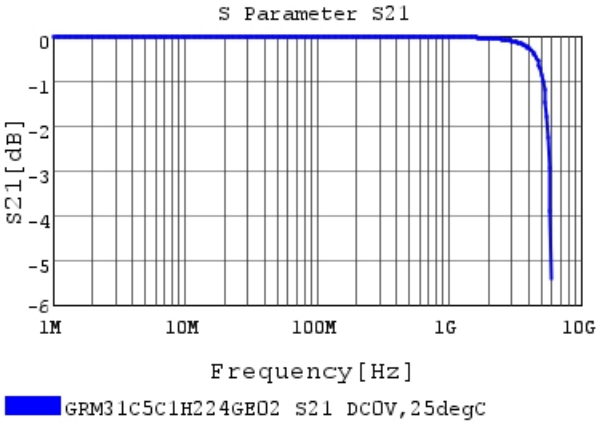
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