

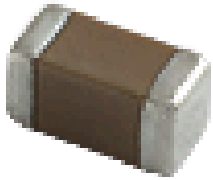
# GRM42A7U3F820JW31#

“#” indicates a package specification code.



< List of part numbers with package codes >  
GRM42A7U3F820JW31L

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
L	180 Embossed Tape	3000

Mass (typ.)	
1 piece	54.0mg

### Attention

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## Specifications

Length	4.5±0.3mm
Width	2.0±0.2mm
Thickness	1.0+0/-0.3mm
Capacitance	82pF ±5%
Distance between external terminals g	2.9mm min.
External terminal size e	0.3mm min.
Operating Temperature Range	-55°C to 125°C
Rated Voltage	3150Vdc
Size code in inch(mm)	1808 (4520M)
TC	-750±120ppm/°C
Temperature characteristics (complied standard)	U2J(EIA)
Temperature range of temperature characteristics	25°C to 125°C

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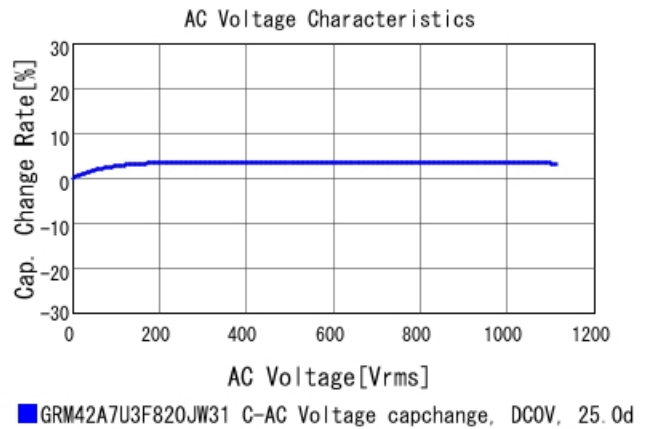
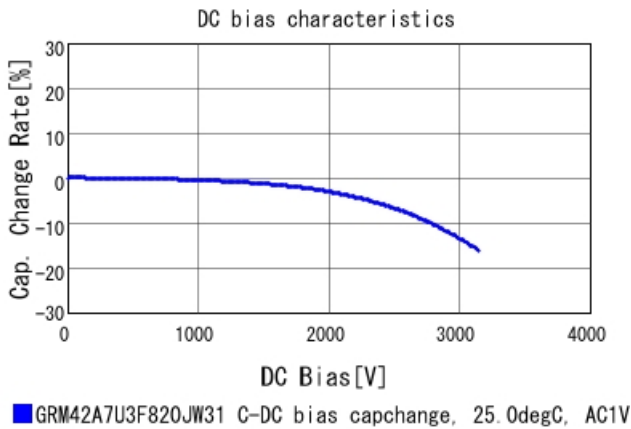
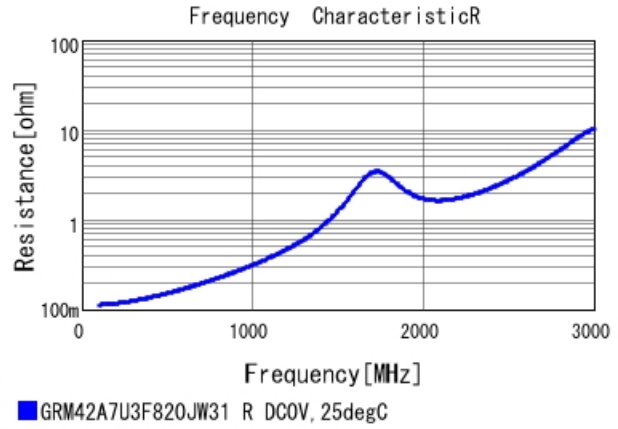
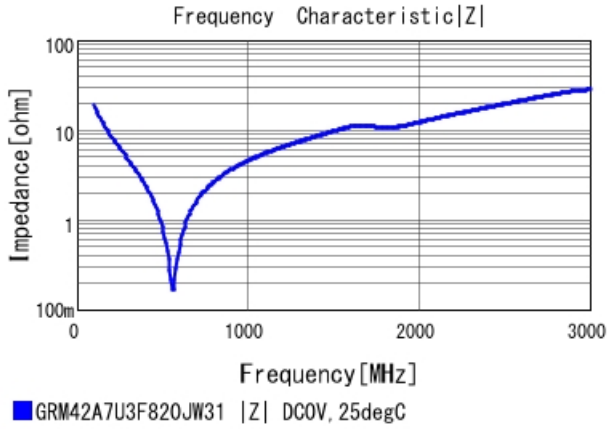
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## Characteristic Data

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



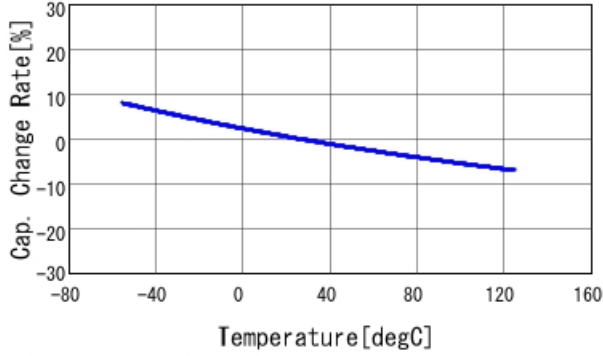
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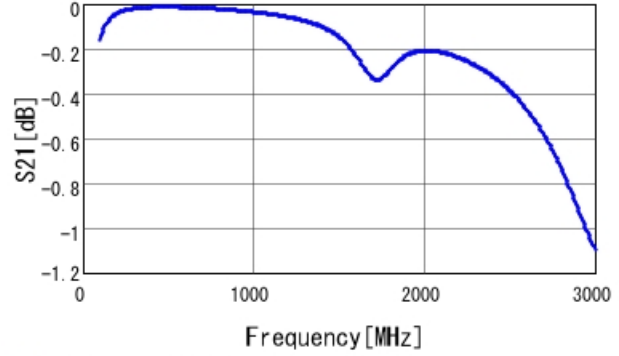
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Temperature Characteristics



■ GRM42A7U3F820JW31 C-Temp. capchange, DCOV, AC1Vrms

S Parameter S21



■ GRM42A7U3F820JW31 S21 DCOV, 25degC

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