

GRM21BC81E106KE51#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM21BC81E106KE51L GRM21BC81E106KE51K

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	3000
K	330Embossed Tape	10000

Mass (typ.)	
1 piece	19.0mg
φ180mm Reel	108g

Notices

Derating1

Attention

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Specifications

Length	2.0±0.15mm
Width	1.25±0.15mm
Thickness	1.25±0.15mm
Capacitance	10μF ±10%
Distance between external terminals g	0.7mm min.
External terminal size e	0.2 to 0.7mm
Operating Temperature Range	-55°C to 105°C
Rated Voltage	25Vdc
Size code in inch(mm)	0805 (2012M)
Capacitance change rate	±22.0%
Temperature characteristics (complied standard)	X6S(EIA)
Temperature range of temperature characteristics	-55°C to 105°C

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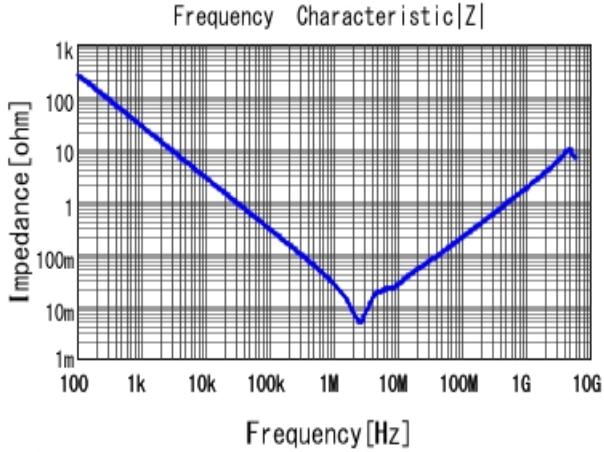
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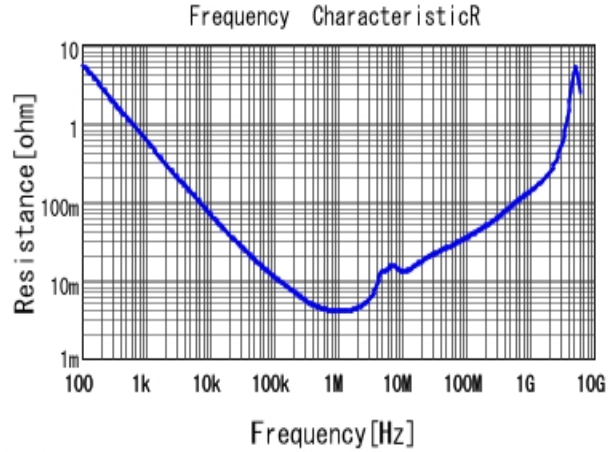
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Characteristic Data

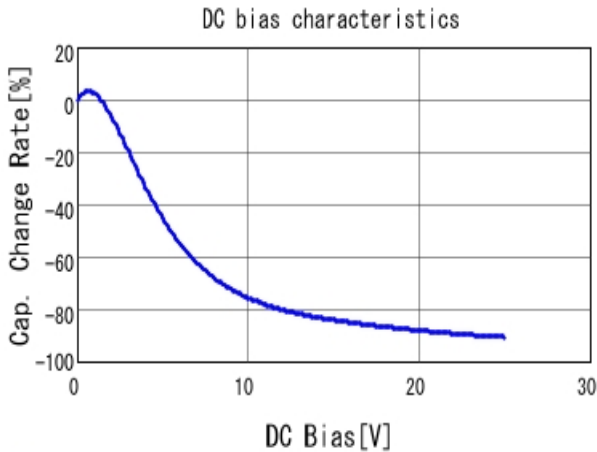
The charts below may show another part number which shares its characteristics.



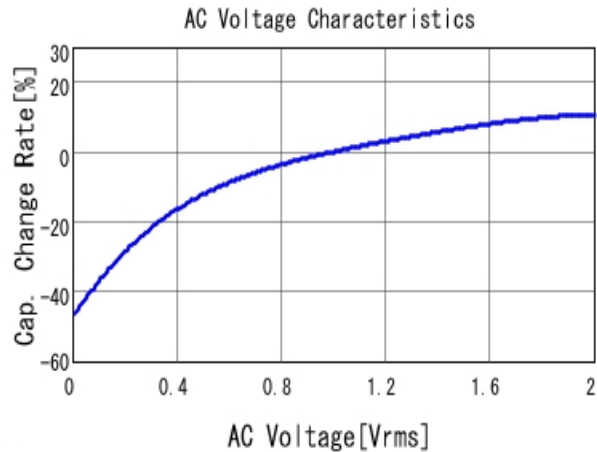
■ GRM21BC81E106KE51 |Z| DCOV, 25degC



■ GRM21BC81E106KE51 R DCOV, 25degC



■ GRM21BC81E106KE51 C-DC bias capchange, 25.0degC, AC1.



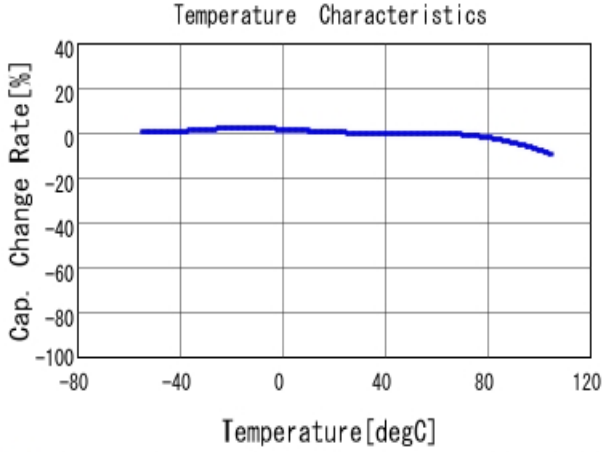
■ GRM21BC81E106KE51 C-AC Voltage capchange, DCOV, 25.0d

Attention

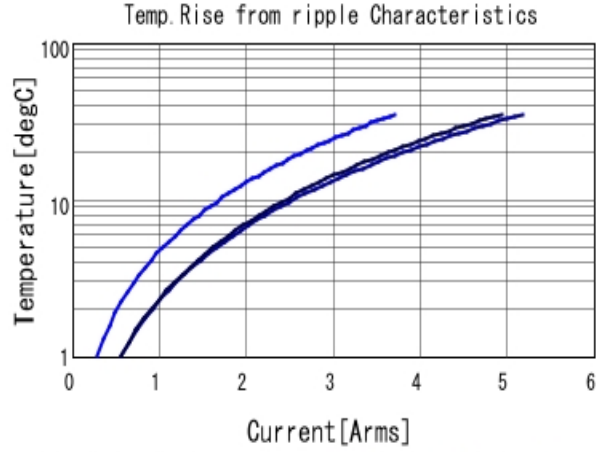
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■ GRM21BC81E106KE51 C-Temp. capchange, DC0.0V, AC1.0V_rm



GRM21BC81E106KE51 Temp. rise ■ 80kHz ■ 400kHz ■ 800kHz

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