

# GRM188B31E225KA12#

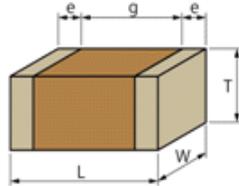
“#” indicates a package specification code.



< List of part numbers with package codes >

GRM188B31E225KA12J GRM188B31E225KA12D

## Appearance & Shape



## References

Packaging	Specifications	Minimum Order Quantity
J	330mm Paper Tape	10000
D	180mm Paper Tape	4000

Mass (typ.)	
1 piece	6.3mg
φ180mm Reel	144g

### Attention

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## Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	2.2μF ±10%
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-25°C to 85°C
Rated Voltage	25Vdc
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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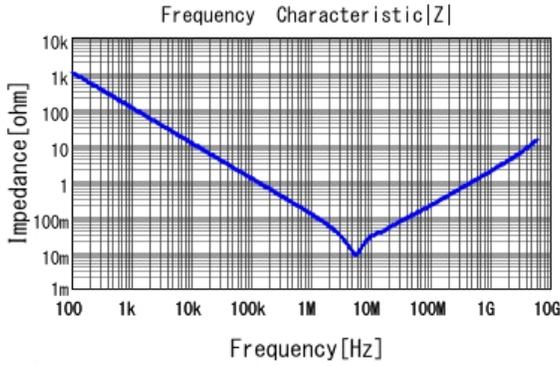
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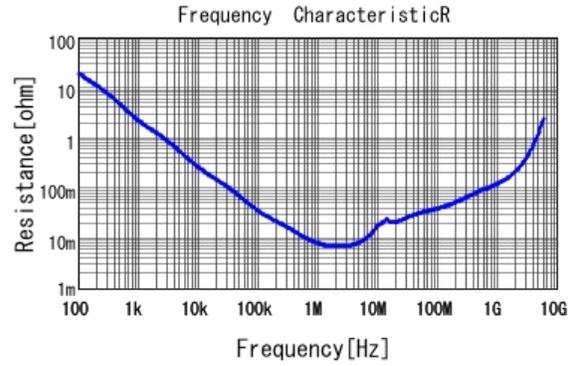
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## Characteristic Data

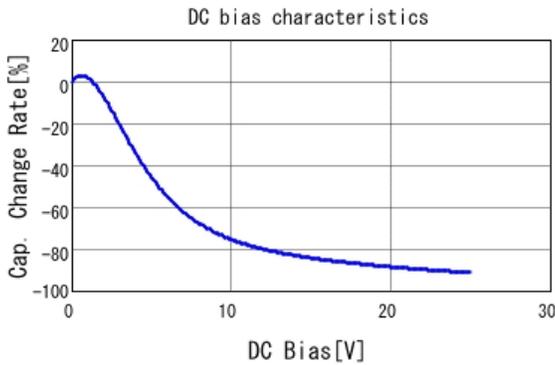
The charts below may show another part number which shares its characteristics.



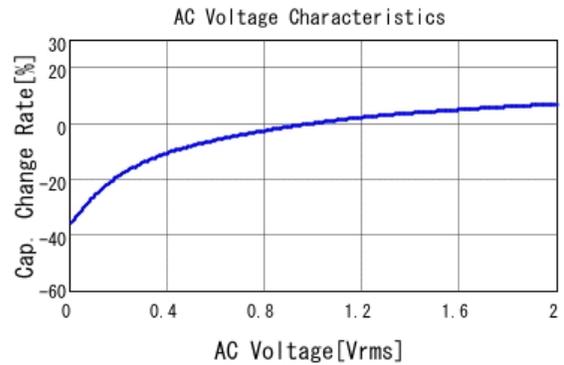
■ GRM188B31E225KA12 |Z| DCOV, 20degC



■ GRM188B31E225KA12 R DCOV, 20degC



■ GRM188B31E225KA12 C-DC bias capchange, 20.0degC, AC1.



■ GRM188B31E225KA12 C-AC Voltage capchange, DCOV, 20.0d

**Attention**

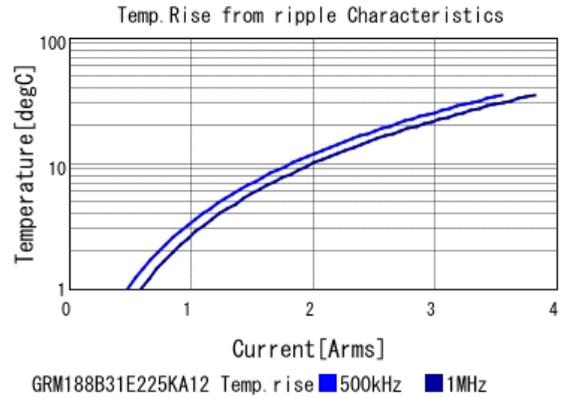
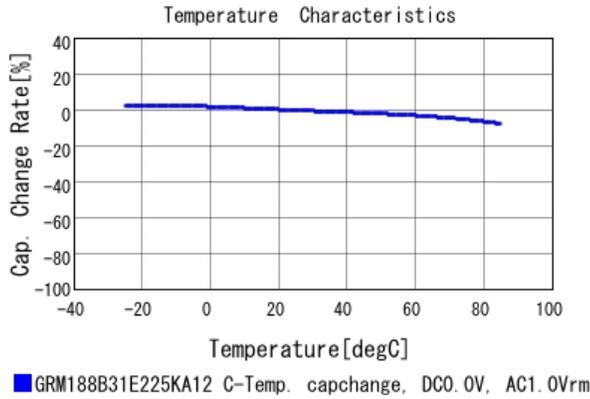
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