

# GRM188R7YA105KA12#

“#” indicates a package specification code.

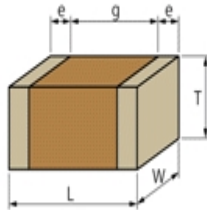
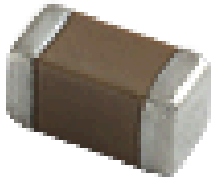


< List of part numbers with package codes >

GRM188R7YA105KA12J

GRM188R7YA105KA12D

## 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

## Notices

Derating1

### Attention

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## Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	1.0μF ±10%
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	35Vdc
Size code in inch(mm)	0603 (1608M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55°C to 125°C

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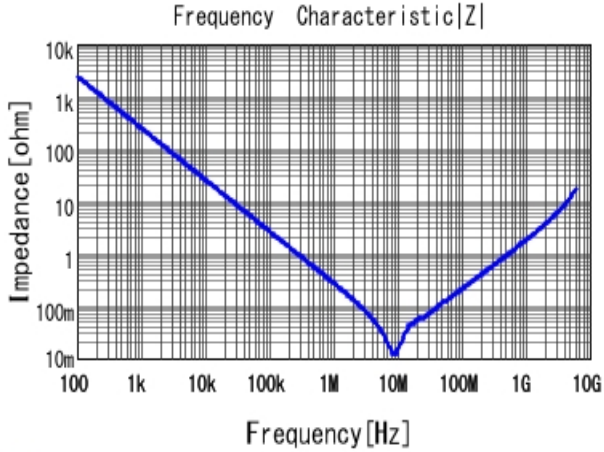
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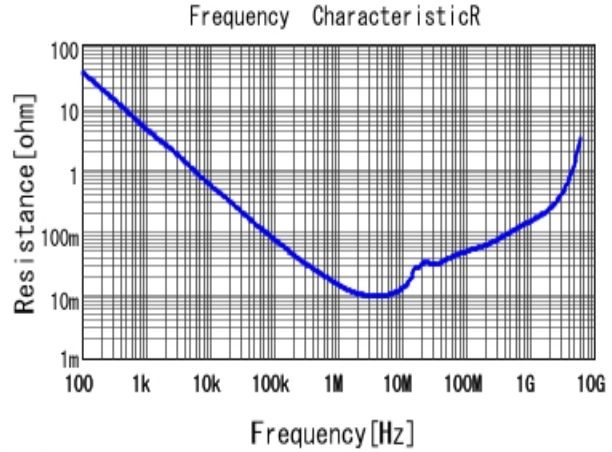
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## Characteristic Data

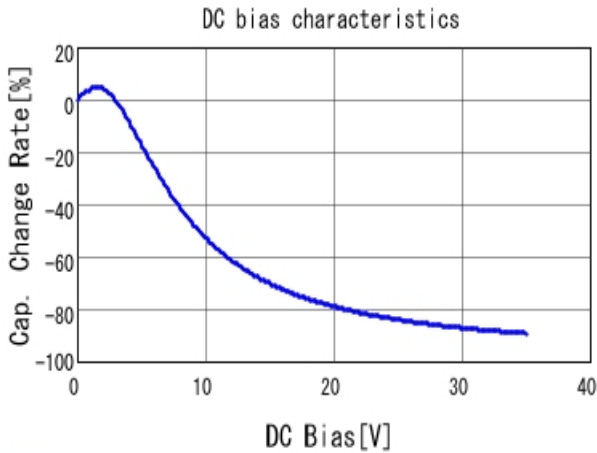
The charts below may show another part number which shares its characteristics.



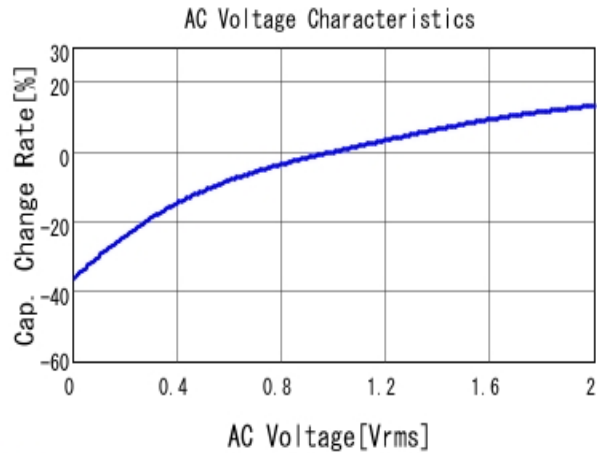
■ GRM188R7YA105KA12 |Z| DCOV, 25degC



■ GRM188R7YA105KA12 R DCOV, 25degC



■ GRM188R7YA105KA12 C-DC bias capchange, 25.0degC, AC1.



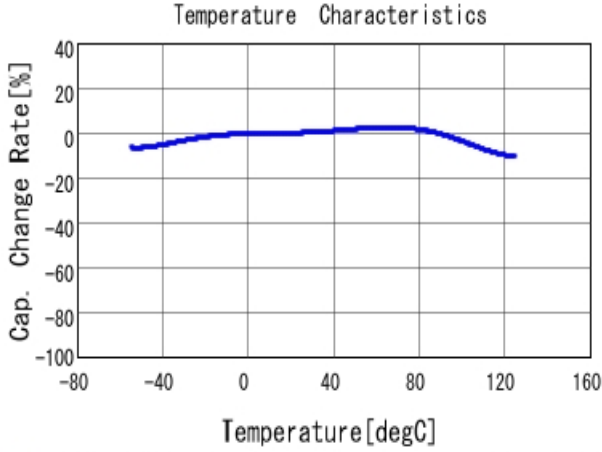
■ GRM188R7YA105KA12 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

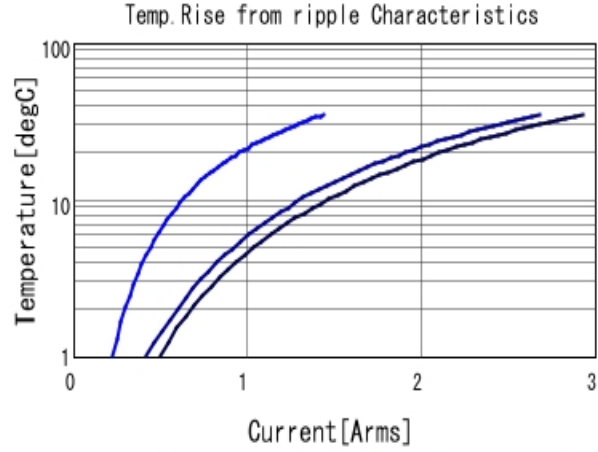
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■ GRM188R7YA105KA12 C-Temp. capchange, DC0.0V, AC1.0V<sub>rm</sub>



GRM188R7YA105KA12 Temp. rise ■ 100kHz ■ 500kHz ■ 1MHz

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