

# GRM155R70J105MA12#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM155R70J105MA12J GRM155R70J105MA12W GRM155R70J105MA12D

## Appearance & Shape



## References

| Packaging | Specifications          | Minimum Order Quantity |
|-----------|-------------------------|------------------------|
| J         | 330mm Paper Tape        | 50000                  |
| W         | 180mm Paper Tape (W8P1) | 20000                  |
| D         | 180mm Paper Tape        | 10000                  |

| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 1.6mg |
| φ180mm Reel | 118g  |

## Notices

Derating1

### Attention

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2.This datasheet has only typical specifications because there is no space for detailed specifications.

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## Specifications

|  |                |
|--|----------------|
| Length   | 1.0±0.05mm     |
| Width  | 0.5±0.05mm     |
| Thickness  | 0.5±0.05mm     |
| Capacitance                                      | 1.0μF ±20%     |
| Distance between external terminals g            | 0.3mm min.     |
| External terminal size e                         | 0.15 to 0.35mm |
| Operating Temperature Range                      | -55°C to 125°C |
| Rated Voltage                                    | 6.3Vdc         |
| Size code in inch(mm)                            | 0402 (1005M)   |
| 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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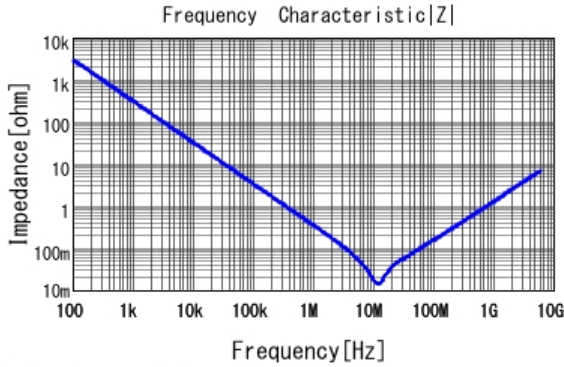
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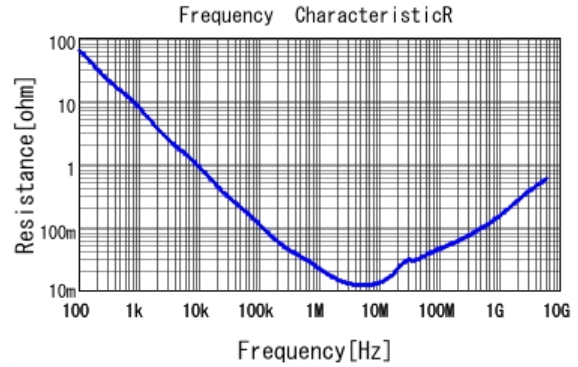
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## Characteristic Data

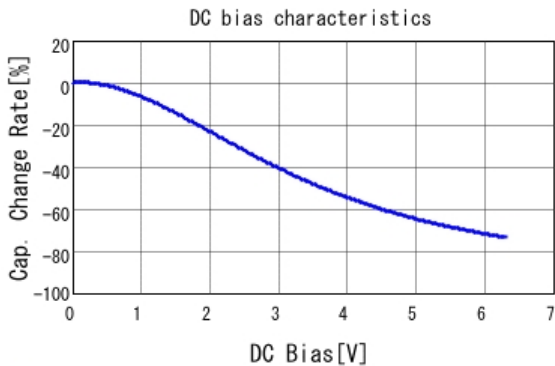
The charts below may show another part number which shares its characteristics.



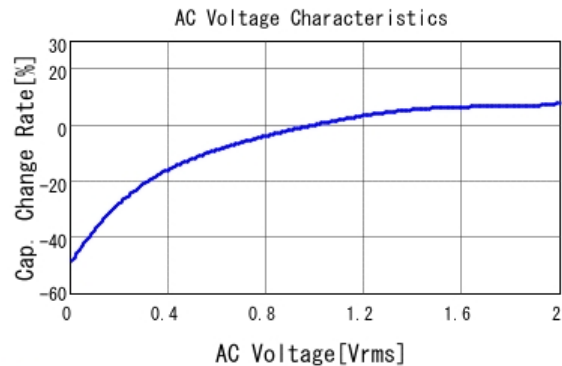
■ GRM155R70J105MA12 |Z| DCOV, 25degC



■ GRM155R70J105MA12 R DCOV, 25degC



■ GRM155R70J105MA12 C-DC bias capchange, 25.0degC, AC1V



■ GRM155R70J105MA12 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

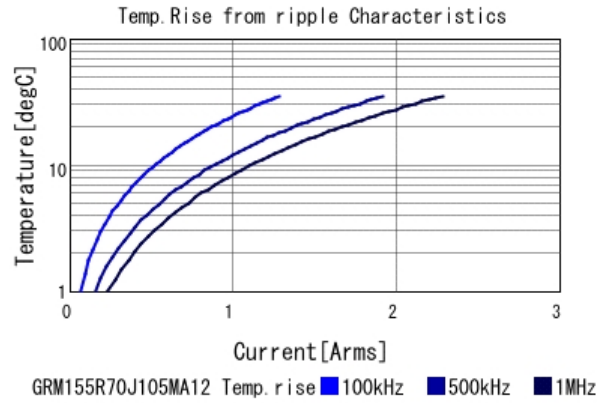
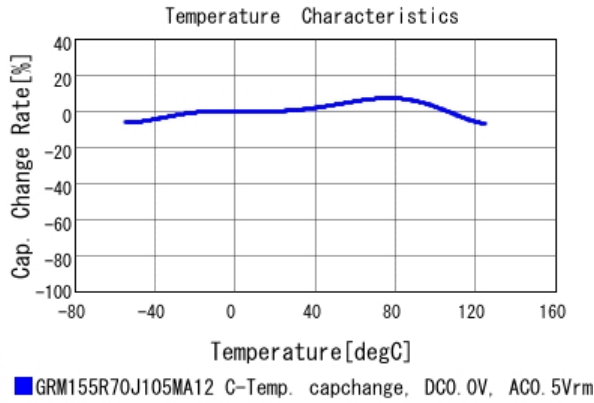
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