

# GRM155C8YA224KE01#

“#” at the end indicates the package specification code.



## < List of part numbers with package codes >

GRM155C8YA224KE01D      GRM155C8YA224KE01W      GRM155C8YA224KE01J  
GRM155C8YA224KE01V

## Applications

|                         |  |
|-------------------------|--|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use."  |
| Specific Applications   | Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive infotainment/comfort equipment<br>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product. |

## Appearance & Shape



## Notices

Derating1

## References

| Packaging | Specifications              | Standard Packing Quantity |
|-----------|-----------------------------|---------------------------|
| D         | φ180mm Reel Paper Tape      | 10000                     |
| W         | φ180mm Reel W8P1 Paper Tape | 20000                     |
| J         | φ330mm Reel Paper Tape      | 50000                     |
| V         | φ330mm Reel W8P1 Paper Tape | 100000                    |

| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 1.6mg |

### 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                                      | 0.22μF ±10%    |
| Distance between external terminals g            | 0.3mm min.     |
| External terminal size e                         | 0.15 to 0.35mm |
| Operating Temperature Range                      | -55°C to 105°C |
| Rated Voltage                                    | 35Vdc          |
| Size code in inch(mm)                            | 0402 (1005M)   |
| 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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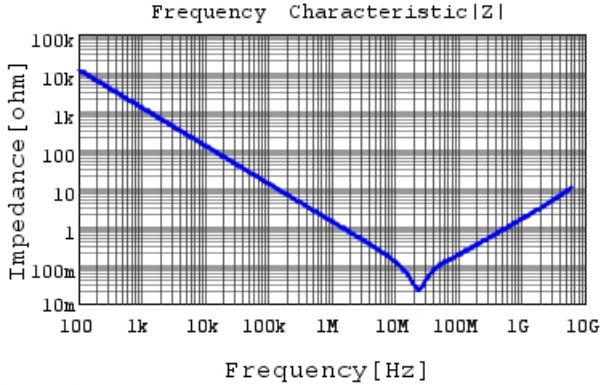
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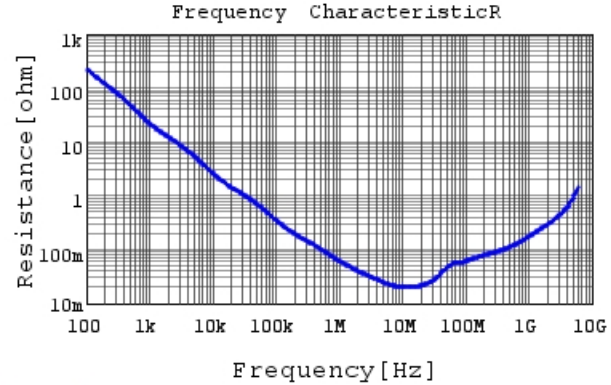


## Characteristic Data

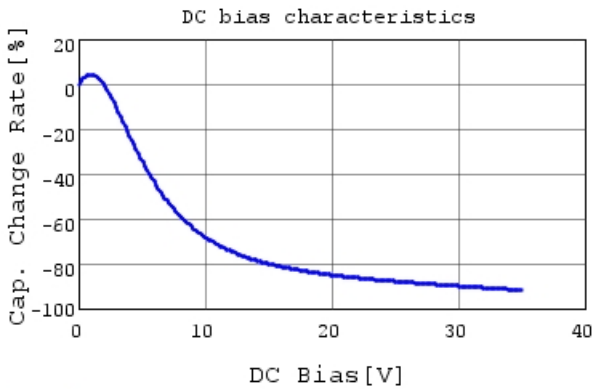
The charts below may show another part number which shares its characteristics.



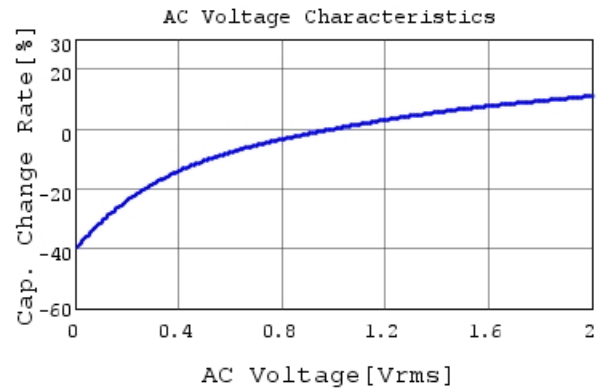
GRM155C8YA224KE01 |Z| DCOV,25degC



GRM155C8YA224KE01 R DCOV,25degC



GRM155C8YA224KE01 C-DC bias capchange, 25.0C



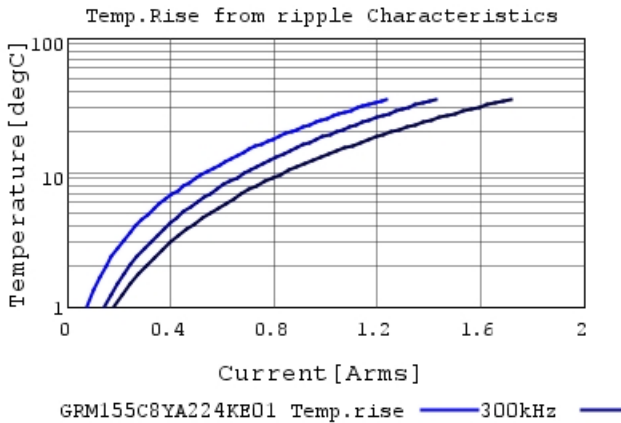
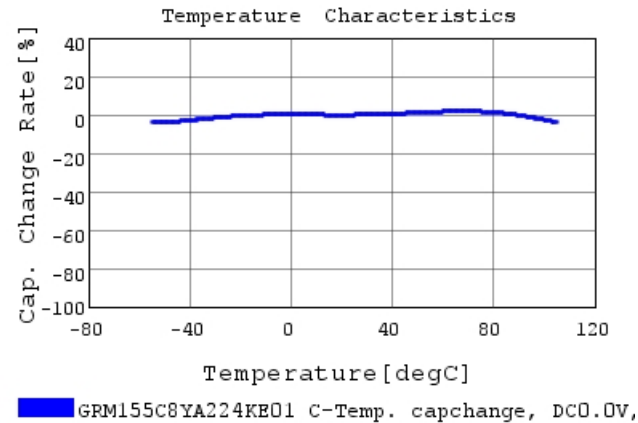
GRM155C8YA224KE01 C-AC Voltage capchange, Dc

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