

# GCM1555G1H470FA16#

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



## < List of part numbers with package codes >

GCM1555G1H470FA16D      GCM1555G1H470FA16W      GCM1555G1H470FA16J  
GCM1555G1H470FA16V

## Applications

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use."                                                                                                                                                                                                                                                                                                                                                   |
| Specific Applications   | Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHF A/B/C] except for implant 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. |

## 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 |

## Appearance & Shape



### 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                                      | 47pF ±1%       |
| Distance between external terminals g            | 0.3mm min.     |
| External terminal size e                         | 0.15 to 0.35mm |
| Operating Temperature Range                      | -55°C to 150°C |
| Rated Voltage                                    | 50Vdc          |
| Size code in inch(mm)                            | 0402 (1005M)   |
| TC                                               | 0±30ppm/°C     |
| Temperature characteristics (complied standard)  | X8G(Murata)    |
| Temperature range of temperature characteristics | 25°C to 150°C  |

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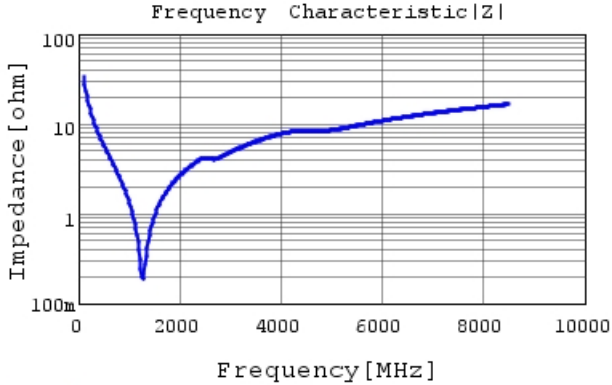
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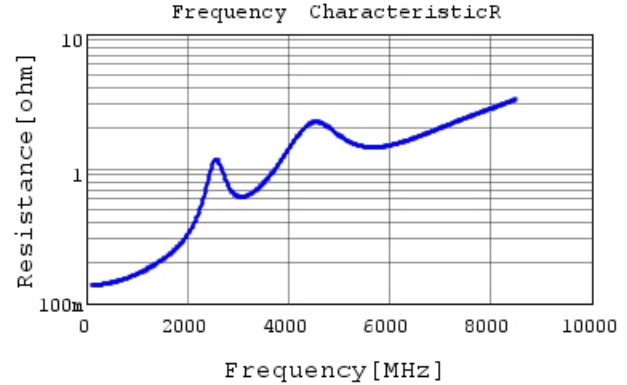


## Characteristic Data

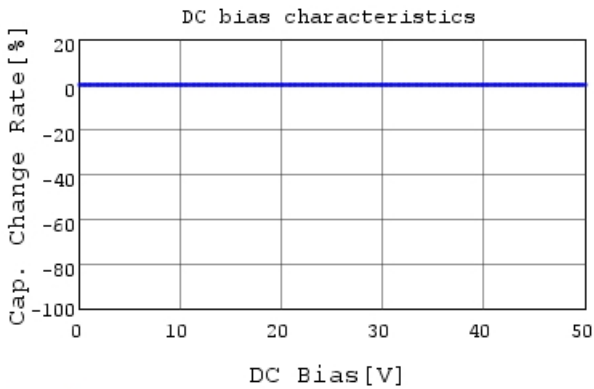
The charts below may show another part number which shares its characteristics.



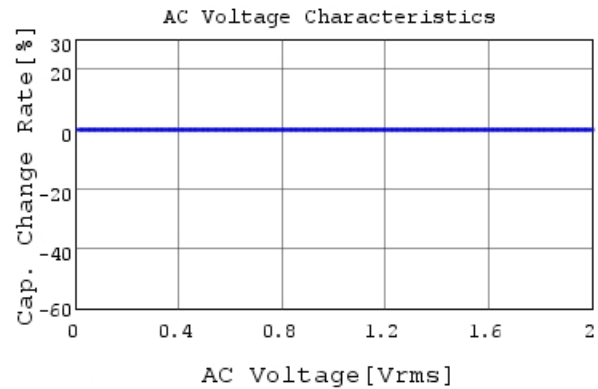
GCM1555G1H470FA16 |Z| DCOV,25degC



GCM1555G1H470FA16 R DCOV,25degC



GCM1555G1H470FA16 C-DC bias capchange, 25.0C



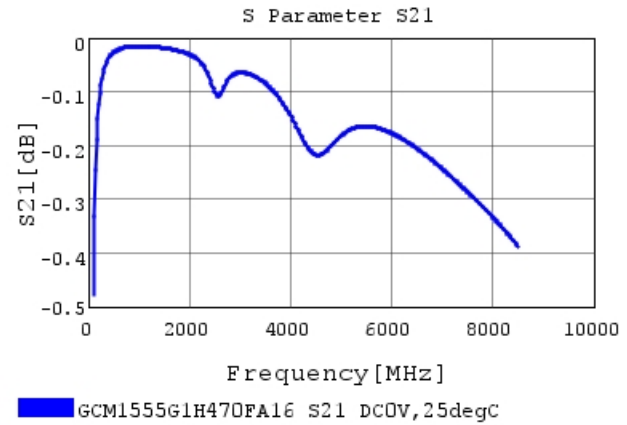
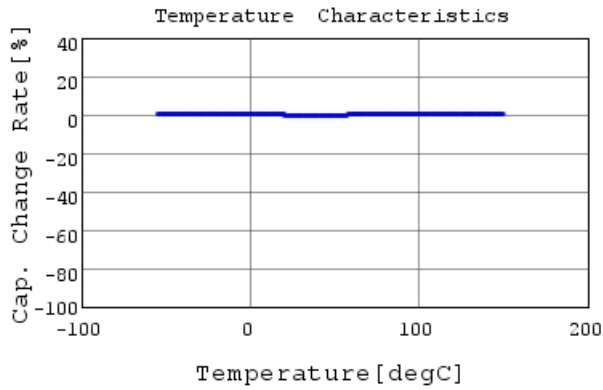
GCM1555G1H470FA16 C-AC Voltage capchange, Dc

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