

# GCM32ER71A226ME12#

Please download the latest datasheet of GCM32ER71A226ME12# from the official website of Murata Manufacturing Co., Ltd.

Note: This datasheet may be out of date.

"#"at the end indicates the package specification code.













< List of part numbers with package codes > GCM32ER71A226ME12L GCM32ER71A226ME12K



### **Applications**

| Unsuitable   | Please be sure to read and comply with     |  |
|--------------|--|--|
| Applications | these "Precautions for use."               |  |
|              | Automotive powertrain/safety equipment,    |  |
|              | Automotive infotainment/comfort            |  |
|              | equipment,Medical equipment [GHTF          |  |
|              | A/B/C] except for implant equipment        |  |
|              | Please refer to Our Website and            |  |
| Specific     | specifications, etc. for information about |  |
| Applications | 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

|           |                  | Standard |
|-----------|------------------|----------|
| Packaging | Specifications   | Packing  |
|           |                  | Quantity |
| L         | 180Embossed Tape | 1000     |
| K         | 330Embossed Tape | 4000     |

| Mass (typ.) |         |
|-------------|---------|
| 1 piece     | 110.0mg |



### Appearance & Shape





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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   | 3.2±0.3mm      |
|--|----------------|
| Width  | 2.5±0.2mm      |
| Thickness  | 2.5±0.2mm      |
| Capacitance                                      | 22μF ±20%      |
| Distance between external terminals g            | 1.0mm min.     |
| External terminal size e                         | 0.3mm min.     |
| Operating Temperature<br>Range                   | -55°C to 125°C |
| Rated Voltage                                    | 10Vdc          |
| Size code in inch(mm)                            | 1210 (3225M)   |
| 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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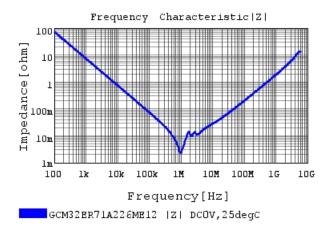
## GCM32ER71A226ME12#

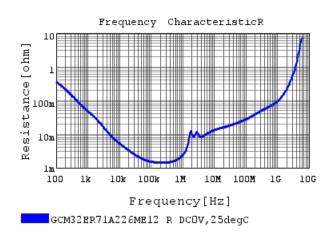
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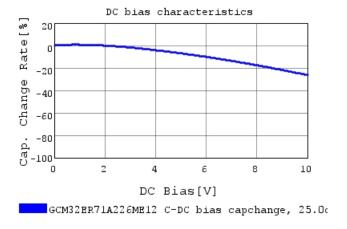


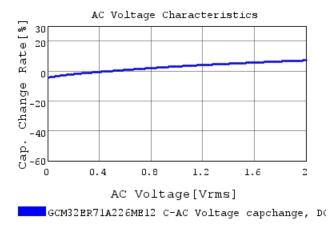
#### Characteristic Data

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









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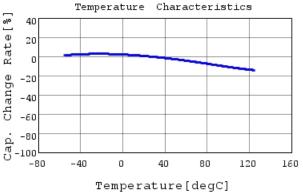
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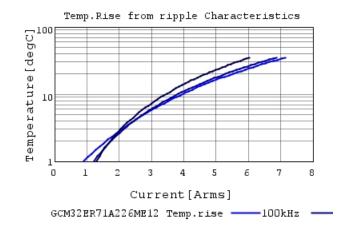
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GCM32ER71A226ME12 C-Temp. capchange, DCO.OV,



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