

# GRM033R61E224KE01W

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



## < List of part numbers with package codes >

GRM033R61E224KE01D      GRM033R61E224KE01W      GRM033R61E224KE01J  
GRM033R61E224KE01V

## 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      | 15000                     |
| W         | φ180mm Reel W8P1 Paper Tape | 30000                     |
| J         | φ330mm Reel Paper Tape      | 50000                     |
| V         | φ330mm Reel W8P1 Paper Tape | 150000                    |

| Mass (typ.) |        |
|-------------|--------|
| 1 piece     | 0.33mg |

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

# GRM033R61E224KE01W

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



## Specifications

|  |               |
|--|---------------|
| Length   | 0.6±0.03mm    |
| Width  | 0.3±0.03mm    |
| Thickness  | 0.3±0.03mm    |
| Capacitance                                      | 0.22μF ±10%   |
| Distance between external terminals g            | 0.2mm min.    |
| External terminal size e                         | 0.1 to 0.2mm  |
| Operating Temperature Range                      | -55°C to 85°C |
| Rated Voltage                                    | 25Vdc         |
| Size code in inch(mm)                            | 0201 (0603M)  |
| Capacitance change rate                          | ±15.0%        |
| Temperature characteristics (complied standard)  | X5R(EIA)      |
| Temperature range of temperature characteristics | -55°C to 85°C |

### Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications.  
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.