

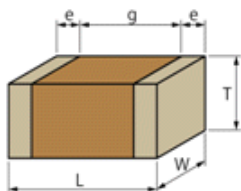
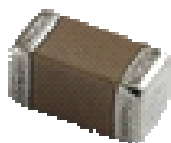
# GRM188R60G226ME69#

“#” indicates a package specification code.



< List of part numbers with package codes >  
GRM188R60G226ME69J GRM188R60G226ME69D

## Appearance & Shape



## References

| Packaging | Specifications   | Minimum Order Quantity |
|-----------|------------------|------------------------|
| J         | 330mm Paper Tape | 10000                  |
| D         | 180mm Paper Tape | 4000                   |

| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 8.1mg |
| φ180mm Reel | 154g  |

## Notices

Derating1. Measure capacitance after heat treatment

### 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.

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## Specifications

|  |               |
|--|---------------|
| Length   | 1.6±0.15mm    |
| Width  | 0.8±0.15mm    |
| Thickness  | 0.8±0.15mm    |
| Capacitance                                      | 22μF ±20%     |
| Distance between external terminals g            | 0.6mm min.    |
| External terminal size e                         | 0.2 to 0.55mm |
| Operating Temperature Range                      | -55°C to 85°C |
| Rated Voltage                                    | 4Vdc          |
| Size code in inch(mm)                            | 0603 (1608M)  |
| Capacitance change rate                          | ±15.0%        |
| Temperature characteristics (complied standard)  | X5R(EIA)      |
| Temperature range of temperature characteristics | -55°C to 85°C |

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