

# GRM188Z71A475ME15#

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



## < List of part numbers with package codes >

GRM188Z71A475ME15D

GRM188Z71A475ME15W

GRM188Z71A475ME15J

GRM188Z71A475ME15V

## 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

Temperature characteristic : Range of capacitance change rate is specified with 50% of rated voltage.

## References

| Packaging | Specifications              | Standard Packing Quantity |
|-----------|-----------------------------|---------------------------|
| D         | φ180mm Reel Paper Tape      | 4000                      |
| W         | φ180mm Reel W8P2 Paper Tape | 8000                      |
| J         | φ330mm Reel Paper Tape      | 10000                     |
| V         | φ330mm Reel W8P2 Paper Tape | 30000                     |

| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 8.1mg |

### 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.

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## Specifications

|                                                  |                |
|--------------------------------------------------|----------------|
| Length                                           | 1.6±0.15mm     |
| Width                                            | 0.8±0.15mm     |
| Thickness                                        | 0.8±0.15mm     |
| Capacitance                                      | 4.7μF ±20%     |
| Distance between external terminals g            | 0.6mm min.     |
| External terminal size e                         | 0.2 to 0.55mm  |
| Operating Temperature Range                      | -55°C to 125°C |
| Rated Voltage                                    | 10Vdc          |
| Size code in inch(mm)                            | 0603 (1608M)   |
| Capacitance change rate                          | ±15.0%         |
| Temperature characteristics (complied standard)  | X7R(Murata)    |
| Temperature range of temperature characteristics | -55°C to 125°C |

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