

Product Search Data Sheet

Please download the latest datasheet of GRM31BR7LV153KW01# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=GRM31BR7LV153KW01%23

Note: This datasheet may be out of date.

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

# GRM31BR7LV153KW01K















< List of part numbers with package codes > GRM31BR7LV153KW01L GRM31BR7LV153KW01K



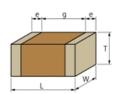
# **Applications**

| Unsuitable                          | Please be sure to read and comply with   |  |
|-------------------------------------|--|--|
| Applications                        | these "Precautions for use."   |  |
| Applications  Specific Applications | these "Precautions for use."  Consumer equipment,Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,Automotive infotainment/comfort equipment 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.   |  |
|                                     | FTOGGC.  |  |



# Appearance & Shape







## **Notices**

### Derating6



## References

|           | Specifications   | Standard |
|-----------|------------------|----------|
| Packaging |                  | Packing  |
|           |                  | Quantity |
| L         | 180Embossed Tape | 3000     |
| К         | 330Embossed Tape | 10000    |

| Mass (typ.) |        |
|-------------|--------|
| 1 piece     | 40.0mg |

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#### 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   | 3.2±0.2mm      |
|--|----------------|
| Width  | 1.6±0.2mm      |
| Thickness  | 1.25+0/-0.3mm  |
| Capacitance                                      | 15000pF ±10%   |
| Distance between external terminals g            | 1.2mm min.     |
| External terminal size e                         | 0.3mm min.     |
| Operating Temperature<br>Range                   | -55°C to 125°C |
| Rated Voltage                                    | 630Vdc         |
| Size code in inch(mm)                            | 1206 (3216M)   |
| 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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