

# 7NB-31R2-1

Note: This datasheet may be out of date. Please download the latest datasheet of 7NB-31R2-1 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=7NB-31R2-1

NRND ROHS REACH

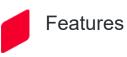
## Applications

| Unsuitable   | Please be sure to read and comply with     |
|--------------|--|
| Applications | these "Precautions for use."               |
|              | Consumer equipment,Industrial              |
|              | Equipment                                  |
|              | Please refer to Our Website and            |
|              | specifications, etc. for information about |
| Specific     | the performance, functions, quality,       |
| Applications | management, and safety required for        |
|              | the above applications, and use            |
|              | Products after confirming the              |
|              | performance and reliability of the actual  |
|              | Product.                                   |

Appearance & Shape

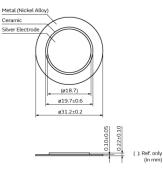
# Packaging Information

| Packaging | Specifications | Standard<br>Packing<br>Quantity |
|-----------|----------------|---------------------------------|
| -         | Bulk           | 1600                            |



- 1. Clear sound
- 2. Ultra thin and lightweight
- 3. No contacts: therefore, no noise and highly reliable
- 4. Low power consumption for voltage type





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#### Attention

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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

| Resonance Frequency                     | 1.3kHz         |
|---|----------------|
| Resonant Frequency<br>Torelance         | ±0.5kHz        |
| Resonant Impedance (R1)                 | 300Ω           |
| Capacitance                             | 40nF           |
| Capacitance Tolerance                   | ±30%           |
| Measurement Condition of<br>Capacitance | [120Hz]        |
| Operating Temperature<br>Range          | -20°C to 70°C  |
| Storage Temperature Range               | -30°C to 80°C  |
| Shape                                   | No lead wire   |
| Plate Size                              | 31.2mm         |
| Element Size                            | 19.7mm         |
| Plate Material                          | Nickel Alloy   |
| Drive Type                              | External Drive |
| EIAJ Part Number                        | PD-SU2-C31-13  |
| Mass                                    | 882mg          |

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