

# RDE5C1H271J0P1H03B

In Production

RoHS

REACH

125 °C max.

Low acoustic noise

Deflecting crack

Soldering crack

Flow OK

Welding

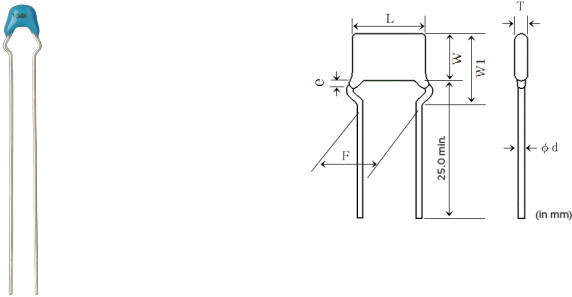
## Applications

|                         |  |
|-------------------------|--|
| 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. |

## Notices

HF(Halogen Free)

## Appearance & Shape



## References

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------|
| B         | Bulk(Bag)      | 500                       |

| Mass (typ.) |      |
|-------------|------|
| 1 piece     | 0.1g |

**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

|  |  |
|--|--|
| L size or Outer diameter D                       | 5.0mm max.   |
| Width  | 3.5mm max.   |
| T size   | 2.5mm max.   |
| Lead spacing F                                   | 2.5±0.8mm  |
| Lead diameter d                                  | 0.5±0.05mm   |
| Paint dripping e                                 | Up to the end of crimp                                 |
| Capacitance                                      | 270pF ±5%  |
| Rated voltage                                    | 50Vdc  |
| Temperature characteristics                      | C0G(EIA)   |
| Temperature range of temperature characteristics | -55°C to 125°C   |
| Operating Temperature Range                      | -55°C to 125°C   |
| TC   | 25 to 125°C: 0±30ppm/°C<br>-55 to 25°C: 0+30/-72ppm/°C |
| W1 size  | 6.0mm max.   |

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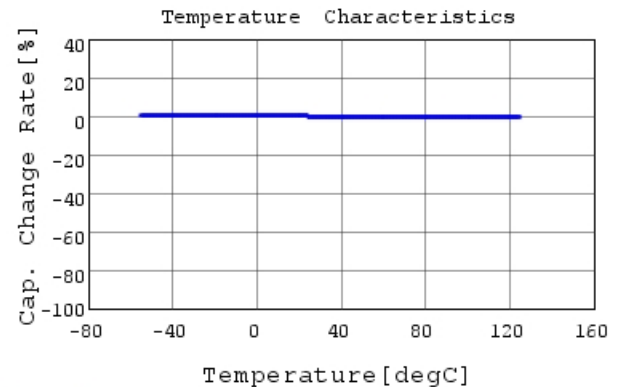
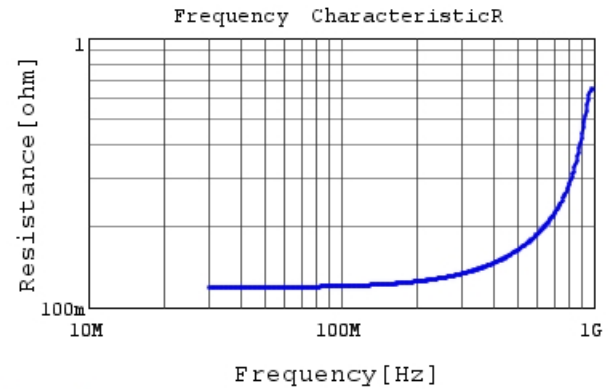
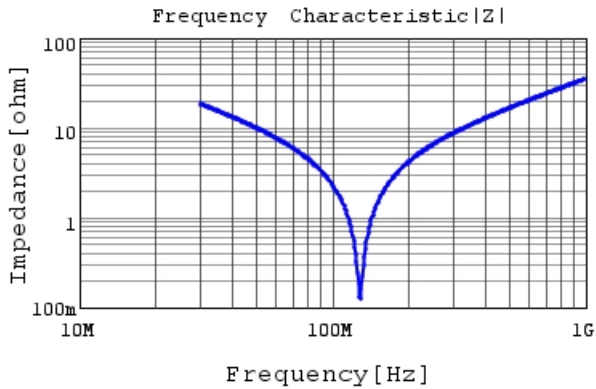
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## Characteristic Data

The charts below may show another part number which shares its characteristics.



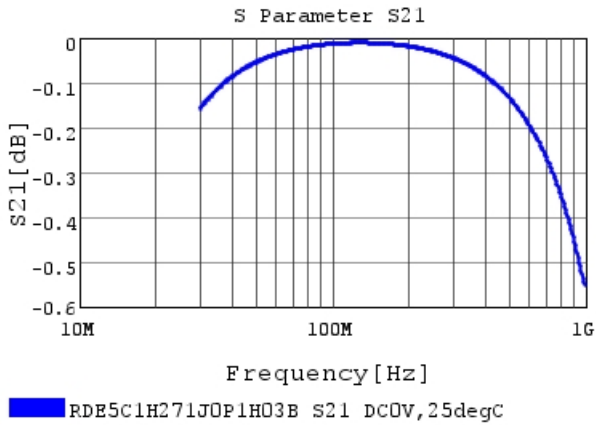
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