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http://www.murata.com/en-gb/products/productdetail?partno=RDE5C1H271J0P1H03B

## RDE5C1H271J0P1H03B





















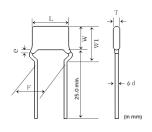
### **Applications**

| Unsuitable Applications  Please be sure to read and comply with 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. |              |  |  |
|---|--------------|--|--|
| 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  | Unsuitable   | Please be sure to read and comply with     |  |
| 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   | Applications | these "Precautions for use."               |  |
| Specific Applications  Specific Applications  Applications  Applications  Specific Applications  Specific Applications  Applications  Specific Applications  Applications  Specific Applications, 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   | '            | Consumer equipment,Industrial              |  |
| Specific Applications  Specific Applications  Applications  Applications  Specific Applications  Specific Applications  Applications  Specific Applications, 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  |              | Equipment,Mobile Electronics,Medical       |  |
| Specific Applications  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   |              | equipment [GHTF A/B/C] except for          |  |
| Specific Applications  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  |              | implant equipment,Automotive               |  |
| Specific Applications  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  |              | infotainment/comfort equipment             |  |
| Applications  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  |              | Please refer to Our Website and            |  |
| the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual  |              | specifications, etc. for information about |  |
| the above applications, and use Products after confirming the performance and reliability of the actual   |              | the performance, functions, quality,       |  |
| Products after confirming the performance and reliability of the actual   |              | management, and safety required for        |  |
| performance and reliability of the actual   |              | the above applications, and use            |  |
|   |              | Products after confirming the              |  |
| Product.  |              | performance and reliability of the actual  |  |
|   |              | Product.                                   |  |



### Appearance & Shape







### **Notices**

HF(Halogen Free)



### References

| Packaging |           | Standard<br>Packing<br>Quantity |
|-----------|-----------|---------------------------------|
| В         | Bulk(Bag) | 500                             |

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

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### Product Search Data Sheet

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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   |
| тс   | 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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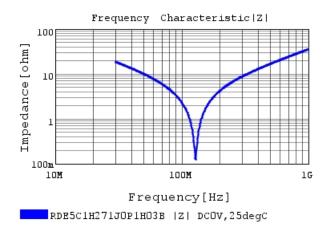
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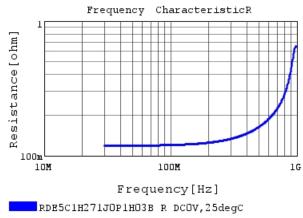
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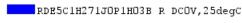


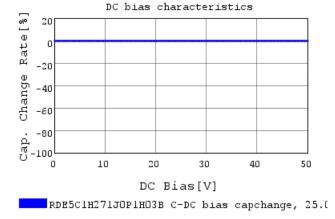
### Characteristic Data

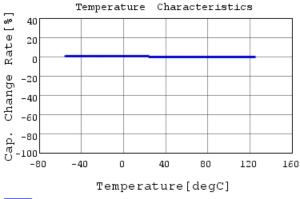
The charts below may show another part number which shares its characteristics.











RDE5C1H271JOP1HO3B C-Temp. capchange, DCOV,

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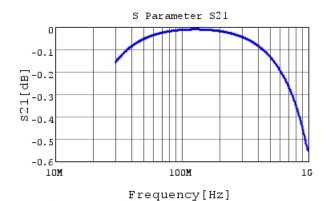


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# RDE5C1H271J0P1H03B



RDE5C1H271JOP1HO3B S21 DCOV,25degC

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