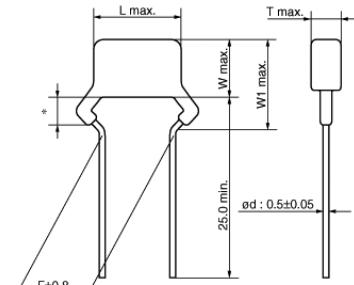


# RPE5C2A272J3P1D03B



## Appearance & Shape



\* Coating extension does not exceed the end of the lead bend.  
 - Lead Wire : Solder Coated Copper Wire or  
 Solder Coated CP Wire (in mm)

## Notices

In case of automotive use, alternative part is RCE series.

## References

| Packaging | Specifications | Minimum Order Quantity |
|-----------|----------------|------------------------|
| B         | Bulk(Bag)      | 500                    |

### 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.

# RPE5C2A272J3P1D03B

## Specifications

|  |  |
|--|--|
| L size or Outer diameter D                       | 5.0mm max.   |
| Width  | 4.5mm max.   |
| T size   | 3.15mm max.  |
| Lead spacing F                                   | 2.5±0.8mm  |
| Lead diameter d                                  | 0.5±0.05mm   |
| Capacitance                                      | 2700pF ±5%   |
| Rated voltage                                    | 100Vdc   |
| 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-55 to 25°C: 0+30/-72ppm/°C |
| W1 size  | 6.3mm  |

2 of 3

**Attention**

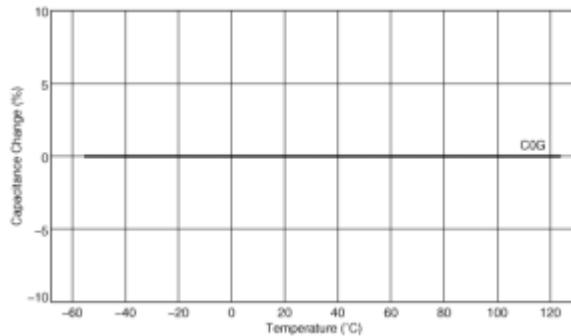
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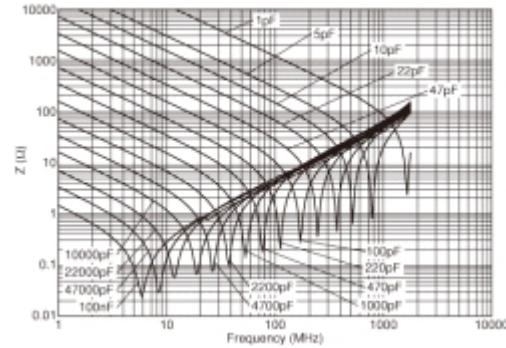
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## Product Data



Capacitance - temperature characteristics



Impedance - frequency characteristics

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