| muRata Capacitor Data Sheet<br>RCE5C2A181J0A2H03B "#" indicates a package specification code. |                                      |           |   |     |  |
|---|--------------------------------------|-----------|---|-----|--|
| In Production Forwar AEC- 125 Low acoustic noise crack  | Soldering<br>Crack Flow OK Welding R | OHS REACH |   |     |  |
| < List of part numbers with package codes > RCE5C2A181J0A2H03B                                |                                      |           |   |     |  |
| Shape   |                                      | Note      | 28  |     |  |
|   |                                      | HF(Halog  | Meet LF(Lead Free)[*LF : Lead content is less than 1000 ppm.],<br>HF(Halogen Free)   References   Packaging Specifications Minimum quantity |     |  |
| - Lead Wire : Solder Coated Copper Wire or<br>Solder Coated CP Wire (in mm)                   |                                      | В         | Packing in bulk   | 500 |  |
| L size or outer diameter D (mm)   | 3.6 mm max.                          |           |   |     |  |
| W size  | 3.5 mm max.                          |           |   |     |  |
| T size  | 2.5 mm max.                          |           |   |     |  |
| Lead spacing F  | 2.5 ±0.8mm                           |           |   |     |  |

0.5 ±0.05mm

## Specifications

Lead diameter d

| Capacitance                                      | 180pF±5%   |
|--|--|
| Rated voltage                                    | 100Vdc   |
| Temperature characteristics (complied standard)  | C0G(EIA)   |
| Temperature coefficient                          | 25 to 125°C: 0±30ppm/°C<br>-55 to 25°C: 0+30/-72ppm/°C |
| Temperature range of temperature characteristics | -55 to 125°C   |
| Operating temperature range                      | -55 to 125°C   |

## 🔔 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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