

Product Search Data Sheet

CLB056U0R7K3000TC1

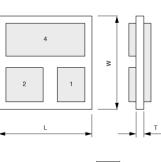
In Production RoHS REACH

Applications

| Unsuitable | Please be sure to read and comply with | |
|-----------------------------|--|--|
| Applications | these "Precautions for use." | |
| | Consumer equipment, Industrial | |
| | Equipment, Mobile Electronics | |
| | 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. | |
| Recommended Applications | Consumer equipment,Router,Wi-Fi | |
| | Router,Optical Backbone network, | |
| | Optical Module, Mobile Electronics, Base | |
| | Station, RF Power Amplifier, Industrial | |
| | Equipment | |

Appearance & Shape





: Gold Electrodes 2µm min. Note: This datasheet may be out of date. Please download the latest datasheet of CLB056U0R7K3000TC1 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CLB056U0R7K3000TC1

Features

- 1. Fine grained high-density ceramic dielectric, pure gold electrode and simple single layer structure provide very reliable performance and excellent frequency characteristics.
- 2. Awide selection of sizes from very miniature 0.25mm square is suited to high-density mounting.
- 3. For compatibility with the gold electrodes, die bonding with Au-Sn is possible and wire bonding with gold wire is possible.
- 4. To improve handling of bonding, Au-Sn coating is available on one side or both sides.
- 5. Custom made type (dimensions, cap. values, etc.) are also available upon request.

Applications

- 1. Microwave Integrated Circuits
- 2. Microwave Devices
- 3. Optical Devices
- 4. Measuring Equipments

1 of 2

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

| Shape | SMD |
|--|--------------------|
| Operating Temperature Range | -55°C to 125°C |
| L x W (size) | L 0.50 X W 0.50mm |
| Thickness | 0.2mm |
| Rated Voltage | 100Vdc |
| Capacitance (25°C) | 0.7pF |
| Capacitance Tolerance | ±10% |
| Temperature Characteristics (-25 to 85°C) | -750±120ppm/°C |
| Withstanding Voltage | 250Vdc |
| Resistance | 25°C: 100000MΩmin. |

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