

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CLB1GB5301K1000TC1 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CLB1GB5301K1000TC1

CLB1GB5301K1000TC1









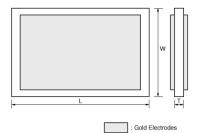
Applications

| Unsuitable | Dlease he sure to read and comply with | |
|-----------------------------|--------------------------------------------|--|
| Unsulable | 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







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

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- 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 1.73 X W 1.27mm |
| Thickness | 0.155mm |
| Rated Voltage | 100Vdc |
| Capacitance (25°C) | 300pF |
| Capacitance Tolerance | ±10% |
| Temperature Characteristics (-25 to 85°C) | ±10% |
| Withstanding Voltage | 250Vdc |
| Resistance | 25°C: 100000MΩmin. |

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