



Note: This datasheet may be out of date. Please download the latest datasheet of CLB0G6U2R7K1000TC1 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=CLB0G6U2R7K1000TC1

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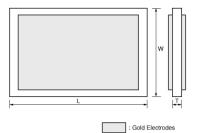
Applications

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







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

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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





Product Search Data Sheet

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Specifications

Shape	SMD	
Operating Temperature Range	-55°C to 125°C	
L x W (size)	L 0.70 X W 0.50mm	
Thickness	0.15mm	
Rated Voltage	100Vdc	
Capacitance (25°C)	2.7pF	
Capacitance Tolerance	±10%	
Temperature Characteristics (-25 to 85°C)	-750±120ppm/°C	
Withstanding Voltage	250Vdc	
Resistance	25°C: 100000MΩmin.	

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