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http://www.murata.com/en/products/productdetail?partno=GCQ1555C1H8R0BB01%23

GCQ1555C1H8R0BB01#

"#" indicates a package specification code.

| In Production | Power-train | AEC-Q200 | RoHS | REACH | 125 °C max. | High Q | Reflow OK |

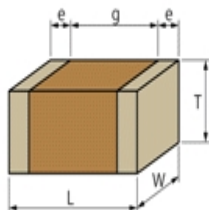## < List of part numbers with package codes >

GCQ1555C1H8R0BB01D   GCQ1555C1H8R0BB01W   GCQ1555C1H8R0BB01J

Appearance & Shape

References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	10000
W	180mm Paper Tape (W8P1)	20000
J	330mm Paper Tape	50000

Mass (typ.)	
1 piece	1.6mg
φ180mm Reel	118g

Attention

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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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GCQ1555C1H8R0BB01#

"#" indicates a package specification code.

Specifications

Length	1.0±0.05mm
Width	0.5±0.05mm
Thickness	0.5±0.05mm
Capacitance	8.0pF ±0.1pF
Distance between external terminals g	0.3mm min.
External terminal size e	0.15 to 0.35mm
Operating Temperature Range	-55℃ to 125℃
Rated Voltage	50Vdc
Size code in inch(mm)	0402 (1005M)
TC	0±30ppm/℃
Temperature characteristics (complied standard)	C0G(EIA)
Temperature range of temperature characteristics	25℃ to 125℃

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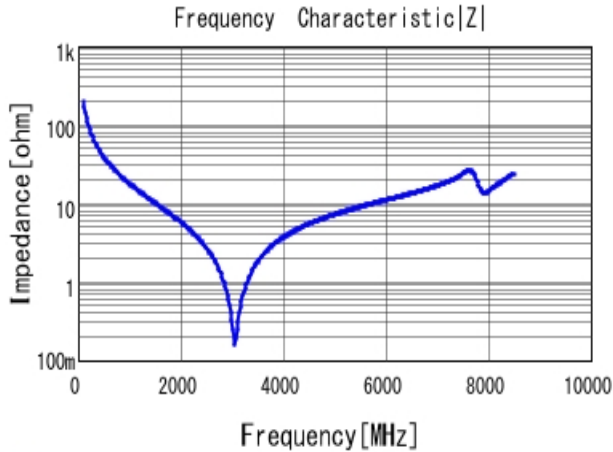
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Characteristic Data

The charts below may show another part number which shares its characteristics.
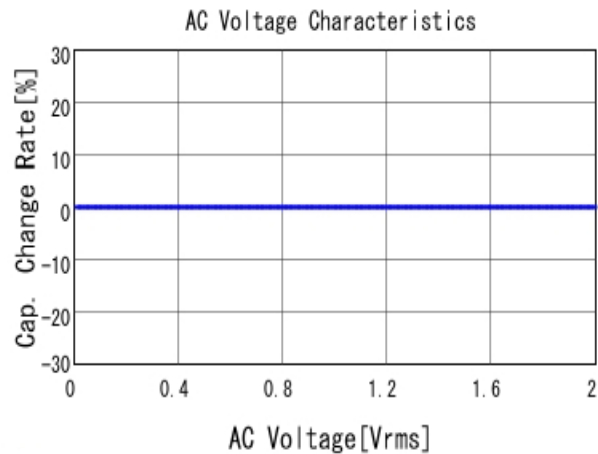

Frequency Characteristic|Z|

GCQ1555C1H8R0BB01 |Z| DC0V, 25degC

Frequency CharacteristicR
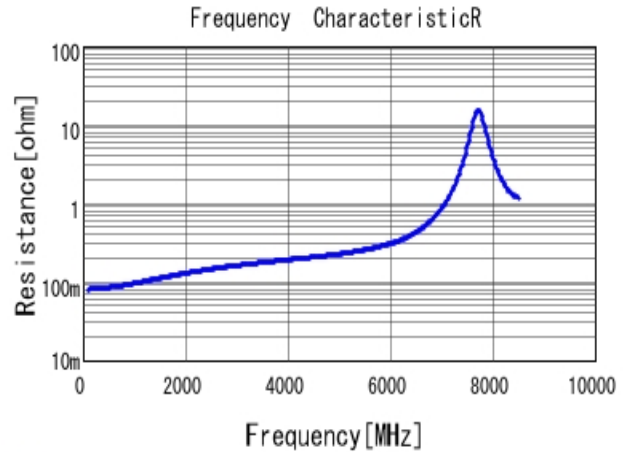
GCQ1555C1H8R0BB01 R DC0V, 25degC

DC bias characteristics
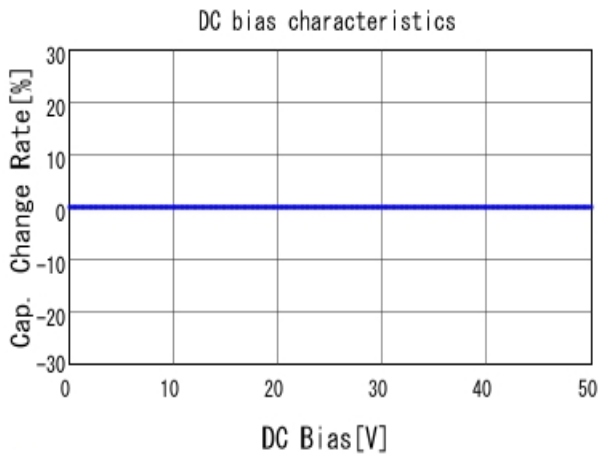
GCQ1555C1H8R0BB01 C-DC bias capchange, 25.0degC, AC1V

AC Voltage Characteristics

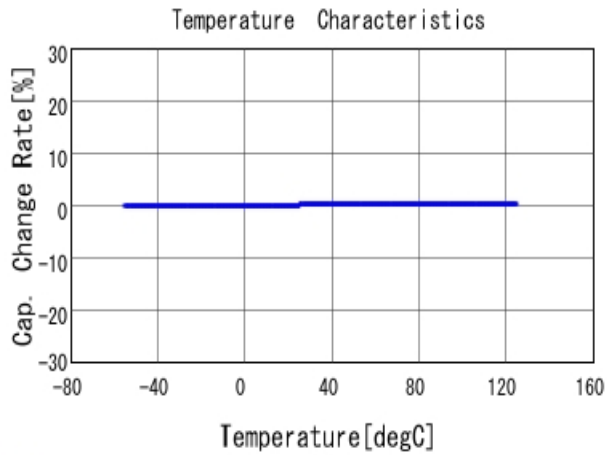GCQ1555C1H8R0BB01 C-AC Voltage capchange, DC0V, 25.0d

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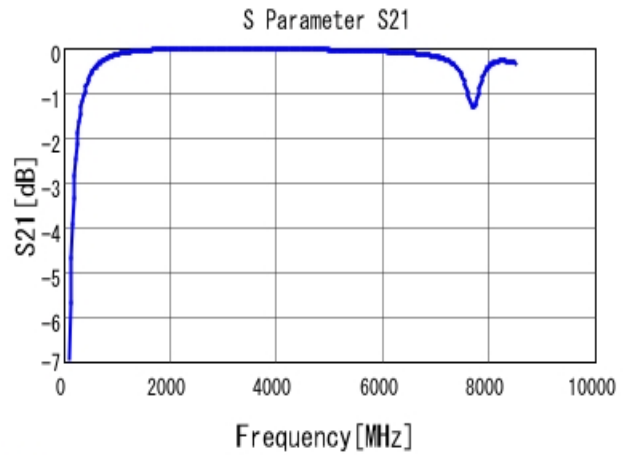
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GCQ1555C1H8R0BB01#

"#" indicates a package specification code.

Temperature Characteristics

■ GCQ1555C1H8R0BB01 C-Temp. capchange, DC0V, AC1Vrms

S Parameter S21

■ GCQ1555C1H8R0BB01 S21 DC0V, 25degC

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