

# GCQ1555C1HR70BB01#

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"#"at the end indicates the package specification code.

In Production













< List of part numbers with package codes > GCQ1555C1HR70BB01D GCQ1555C1HR70BB01W GCQ1555C1HR70BB01V

GCQ1555C1HR70BB01J



### **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Automotive powertrain/safety equipment,	
	Automotive infotainment/comfort	
	equipment,Medical equipment [GHTF	
	A/B/C] except for implant equipment	
	Please refer to Our Website and	
Specific	specifications, etc. for information about	
Applications	the performance, functions, quality,	
	management, and safety required for	
	the above applications, and use	
	Products after confirming the	
	performance and reliability of the actual	
	Product.	



### References

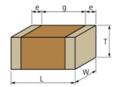
Packaging	Specifications	Standard Packing Quantity
D	φ180mm Reel Paper Tape	10000
W	φ180mm Reel W8P1 Paper Tape	20000
J	φ330mm Reel Paper Tape	50000
V	φ330mm Reel W8P1 Paper Tape	100000

Mass (typ.)	
1 piece	1.6mg



### Appearance & Shape





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http://www.murata.com/en-us/products/productdetail?partno=GCQ1555C1HR70BB01%2

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# **Specifications**

Length	1.0±0.05mm
Width	0.5±0.05mm
Thickness	0.5±0.05mm
Capacitance	0.70pF ±0.1pF
Distance between external terminals g	0.3mm min.
External terminal size e	0.15 to 0.35mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	50Vdc
Size code in inch(mm)	0402 (1005M)
тс	0±30ppm/°C
Temperature characteristics (complied standard)	C0G(EIA)
Temperature range of temperature characteristics	25°C to 125°C

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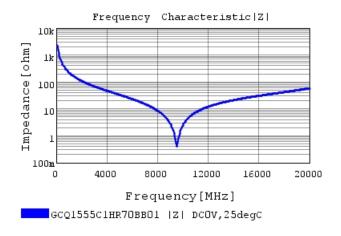
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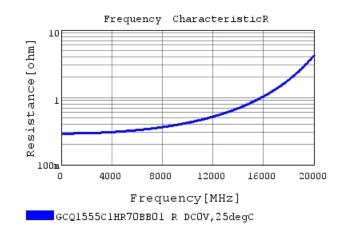
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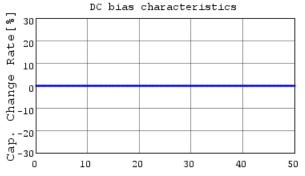


### Characteristic Data

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



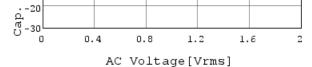






Change Rate[%]

20



GCQ1555C1HR7OBBO1 C-AC Voltage capchange, D(

AC Voltage Characteristics

DC Bias[V]
GCQ1555C1HR7OBBO1 C-DC bias capchange, 25.0c

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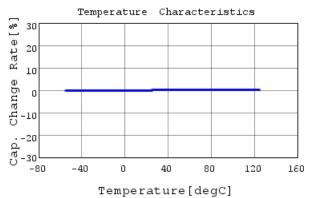
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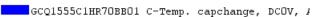
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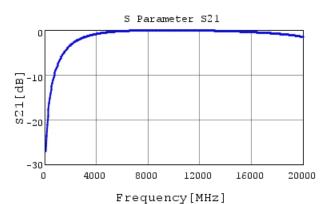
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GCQ1555C1HR7OBBO1 S21 DCOV,25degC

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