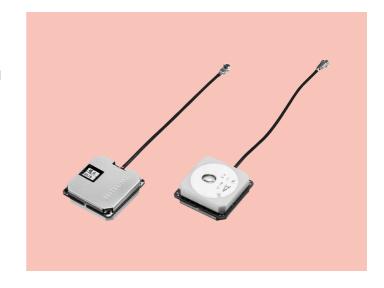
### **GPS Antenna**

# GPA-CG2C2

Wireless Communication Components

### OUTLINE

This is a highly sensitive, efficient antenna for receiving GPS satellite waves. It is ideal for use as a built-in antenna for portable/handy equipment. Antenna pattern is custom designed to meet the customer's requirements.



#### **FEATURES**

- 1. Custom antenna pattern design.
- 2. Low power supply voltage, low consumption current.
- 3. Small antenna element 20(W)×20(D)×4(H) mm.
- 4. Cable length and connector can be customized.

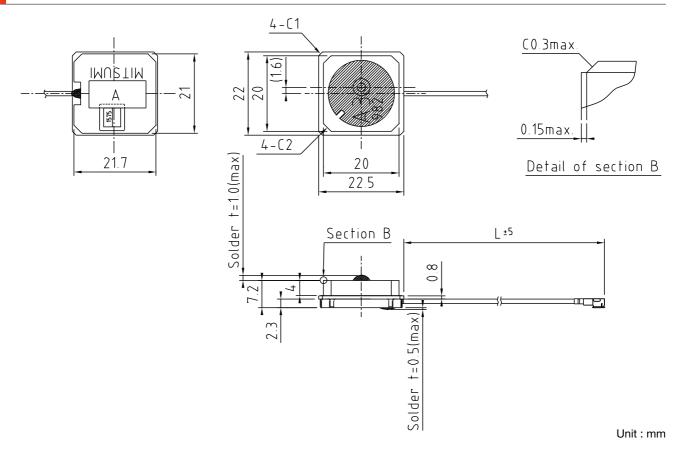
## SPECIFICATIONS

Item		Specifications
Antenna	Reception Frequency	1575.42±1.023MHz
	Reception Polarization	Right Hand Circular Polarization
	Antenna Gain	1.0dBi typ. *1
	Output Impedance	50Ω
LNA	Reception Frequency	1575.42MHz
	Noise Factor	1.1dB typ.
	Gain	26dB typ.
	Gain Flatness (Within Reception Band)	1dB max.
	Ex-band Attenuation	18dB min. (fo±50MHz)
Overall	Overall Gain	26dBi typ.(Zenith) *1
	Power Supply Voltage	3.0V
	Current Consumption	6.5mA typ. 8mA max.
Minimum Order		120,000pcs/year

\*1 Conditions: on the 22×22mm grand boad. Cable length 100mm.

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The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.

# DIMENSIONS



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