#### **GPS Antenna**

# GPA-CG2C5

Wireless Communication Components

### OUTLINE

This is a highly sensitive, efficient antenna for receiving GPS satellite waves. The GPA-CG2C5 is a Mitsumi standard product used as a automotive assembly line genuine part.



#### **FEATURES**

- 1. Utilizes Mitsumi standard case.
- 2. Miniature size 30(W)×30(D)×11.5(H) mm.
- 3. Small antenna element 20(W)×20(D)×4(H) mm.
- 4. Cable length and connector can be customized.
- 5. Various optional extras (mounting fixtures, spongers, and clips, etc.) are available to satisfy your needs.

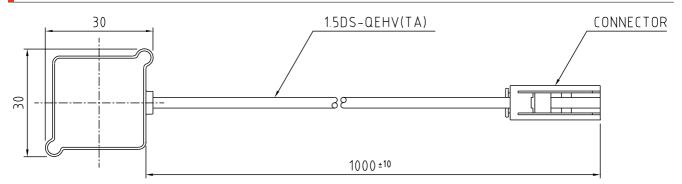
## SPECIFICATIONS

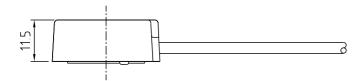
	Item	Specifications
Antenna	Reception Frequency	1575.42±1.023MHz
	Reception Polarization	Right Hand Circular Polarization
	Antenna Gain	2.0dBi typ. <b>*</b> 1
	Output Impedance	$50\Omega$
LNA	Reception Frequency	1575.42±1.023MHz
	Noise Factor	1.1dB typ.
	Gain	26dB typ.
	Gain Flatness (Within Reception Band)	1dB max.
	Ex-band Attenuation	18dB min. (fo±50MHz)
Overall	Overall Gain	28dBi typ.(Zenith) *1
	Power Supply Voltage	5.0V
	Current Consumption	17mA typ. 25mA max.
Minimum Order		60,000pcs/year

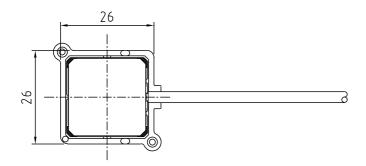
<sup>\*1</sup> Gain is for the standard cable length of 1m and grounding plate measuring 40×40mm.

Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
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







Unit: mm

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