

GPS Antenna GPA-CG201

OUTLINE

Antenna with LNA that receives GPS satellite waves efficiently and with high sensitivity. It is GPS Antenna for general market that is environmentally friendly, and can be installed either inside or outside the car.



FEATURES

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|--------------------------------|---------------------------------|
| 1. Small Size | : 33(W)×36(D)×12.8(H) mm |
| 2. Environmental Consideration | : Lead Free |
| 3. Waterproof | : Certified for JIS C0920 IPX7 |
| 4. Installation Method | : Magnetic (With Rubber Feet) |
| 5. Cable Length | : Standard 3 or 5m |
| 6. Connector | : Standard CN, GT16, HFC, FAKRA |
| 7. Power Supply Voltage | : 3 or 5V |
| 8. Overseas Production | : Tianjin, China / Thailand |

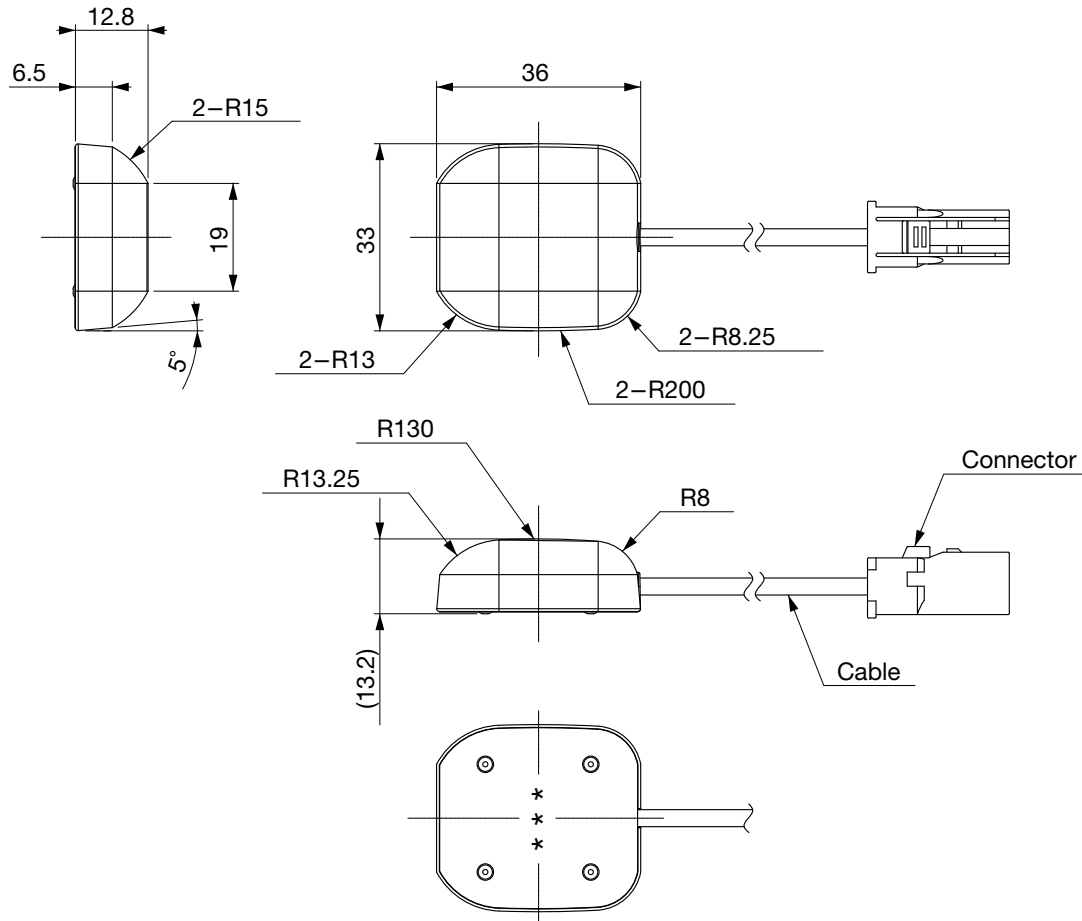
SPECIFICATIONS

Item		Specifications
Antenna	Reception Frequency	1575.42±1.023MHz
	Reception Polarization	Right Hand Circular Polarization
	Antenna Gain	4dBi typ. *1
	Output Impedance	50Ω
LNA	Reception Frequency	1575.42±1.023MHz
	Noise Figure	1.1dB typ.
	Gain	26dB typ.
	Gain Flatness (Within Reception Band)	1dB max.
	Ex-band Attenuation	20dB typ.(±50MHz)
Overall	Overall Gain	30dBi typ.(Zenith) *2
	Power Supply Voltage	3 or 5V
	Current Consumption	18mA typ.
Minimum Order		30,000pcs/year

*1 Conditions: Attached to GND board (70×70mm)

*2 Conditions: Attached to GND board (70×70mm, with cable)

DIMENSIONS



Unit : mm