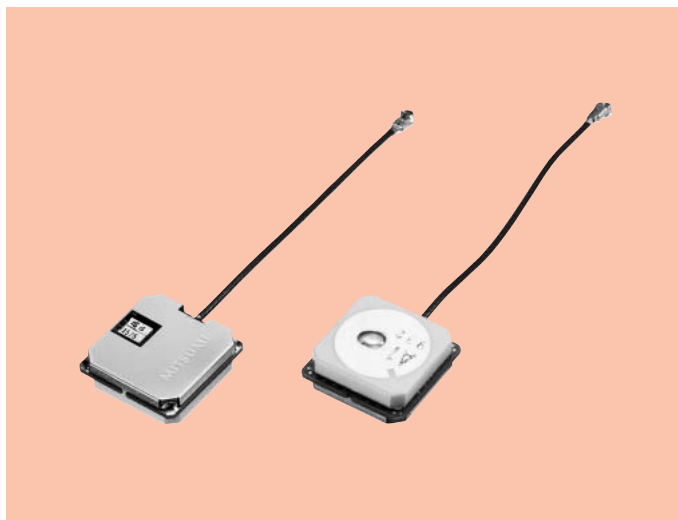


GPS Antenna GPA-CG2C2

Telecommunication component

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.



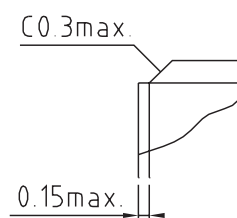
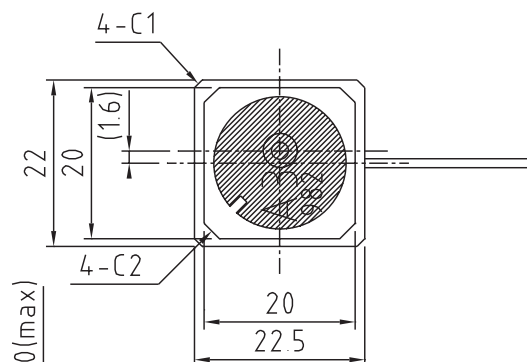
FEATURES

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

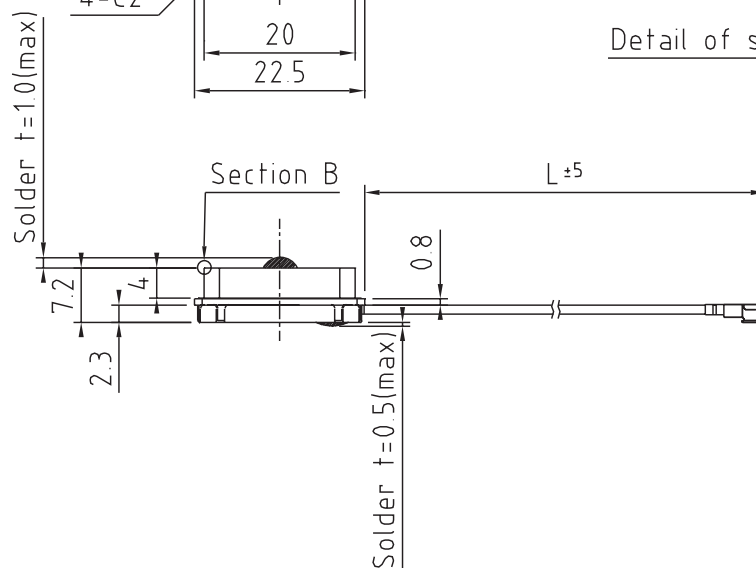
SPECIFICATIONS

Item		Specifications
Antenna	Reception frequency	1575.42±1.023MHz
	Reception polarization	Right rotating polarization
	Antenna gain	-1dBi min.
	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)
	Power supply voltage	2.5V~5.5V
	Consumption current	6.5mA typ. 8mA max.
	Minimum Order	50,000Pcs/Year

*Conditions: For cable length 100mm



Detail of section B



Unit : mm