

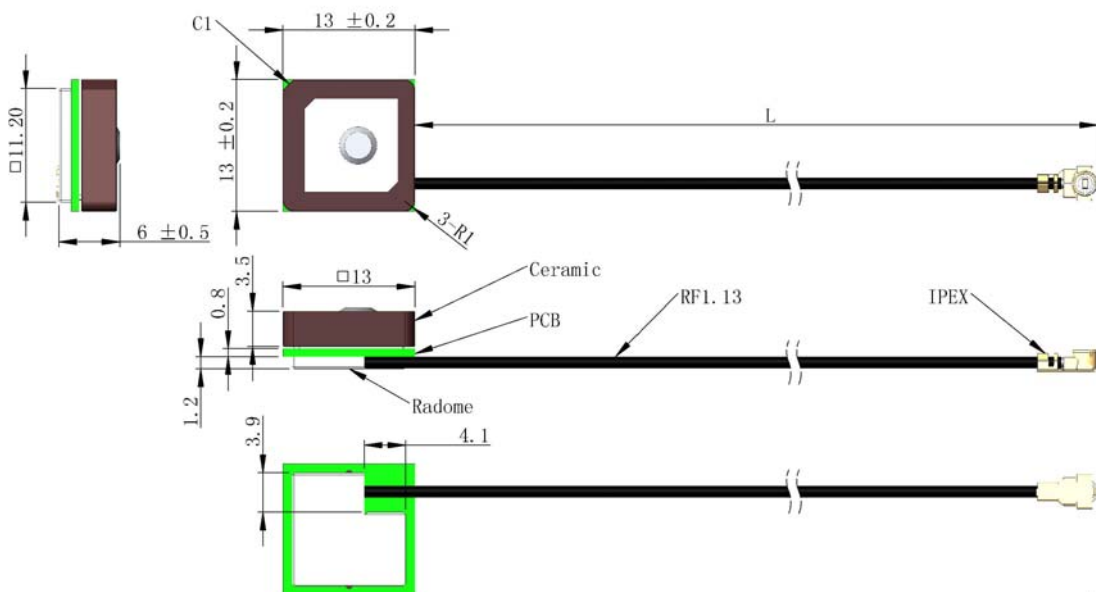


## GPS Internal Active Antenna

### TOP-GPS-AI01



#### DIMENSIONS



UNIT: mm



## SPECIFICATIONS

Item		Specifications
Antenna	Center Frequency	1575.42 ± 3MHz
	Band Width	CF ± 5MHz
	Polarization	RHCP
	Gain	5dBic (Zenith)
	V.S.W.R	< 1.5
	Impedance	50 Ω
	Axial Ratio	5dB (max)
	Dimension	12*12*3.5mm
LNA	Gain	22 ± 2dB
	Noise Figure	< 1.5
	Ex-band Attenuation	30dB @ CF ± 40MHz
	Supply Voltage	3.3V DC
	Current Consumption	9mA
	V.S.W.R	< 2.0
Mechanical	Cable	RF1.13 or others
	Connector	IPEX or others
Environmental	Operating Temperature	-40°C ~ +85°C
	Relative Humidity	Up to 75%
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant



## Radiation Pattern

