

Specification For Approval

Date: 2013.8.25

File No: 20130725002

Revision: A/2

Manufacture: GaoKe Ant Co.,Ltd

Materiel Number GKZS-IN-004

Production Name GPS Active Internal Antenna

Production Number GKZS-IN-004

Approved By

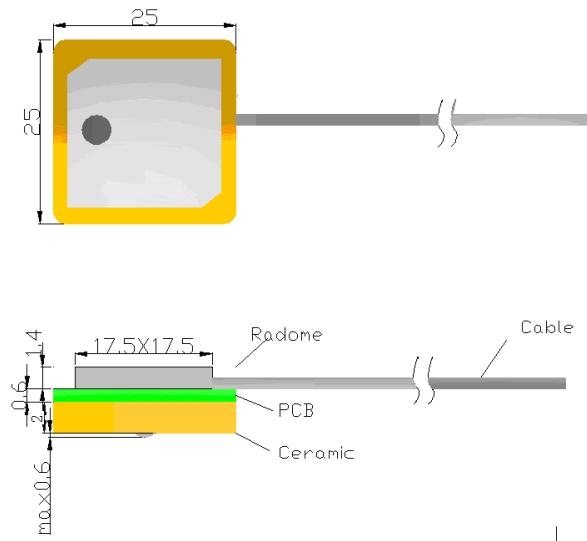
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1、 Antenna Picture And Drawing(mm)



2、 Product Presentation

- (1) Voltage: 2.7~3.3V
- (2) Noise figure : <1.5
- (3) Gain : 16±1dB

3、 Antenna Specification

Dimensions	25*25*4.5mm
Connector	IPEX
Cable	RF-1.13
Weight	< 10
Working Temperature	-40°C~80°C
Working Humidity	10%~95%
Storage Temperature	-45°C~85°C
Storage Humidity	10%~95%
Cable lead Length	100mm

4、 Antenna Characteristic

(1) Antenna

Range of Receiving Frequency	1575.42MHz
Band Width(MHz)	10MHZ
Gain (Zenith)(dBi typ)	0dB
Gain (10°elevation)	-5dB
Polarization	Right-Handed Circular
Impedance(Ω)	50Ω

(2) LNA(low noise amplifier)

Range of Receiving Frequency	1575.42MHz
Band Width(MHz)	16dB±1dB
Noise Figure	<1.5dB
V.S.W.R(in Center Frequency)	<1.5
Supply Voltage	2.7~3.3v
Impedance(Ω)	50 Ω

5、Antenna S11

