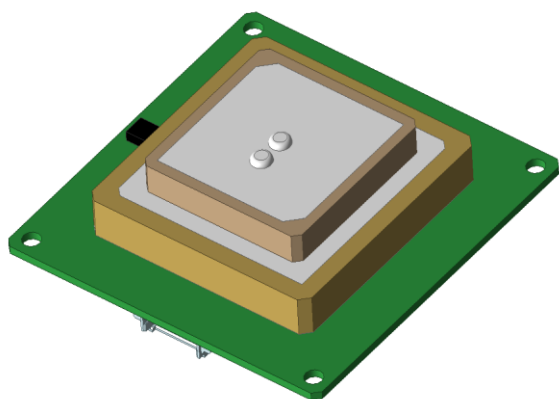




Magnetometer Multi-GNSS Antenna Module

0X-CSA-GP034-01



Frequency : 1561~1602Mhz

Gain (Zenith) : 2.5dBic typ.

Axial Ratio: $\leq 15\text{dB}$

Return Loss: $\leq -6\text{ dB}$

Polarization : R.H.C.P

Conditions : @70*70 Ground

Voltage Supply : $4.5\text{V} \pm 0.5\text{V}$

Noise Figure : 1.5dB max.

Output V.S.W.R : 1.5 max

Dimension : 35*35*4mm + 25*25* 4mm
(Two-Layers)

Current Consumption : Max. 40~50mA

Temperature : -40°C to + 85°C

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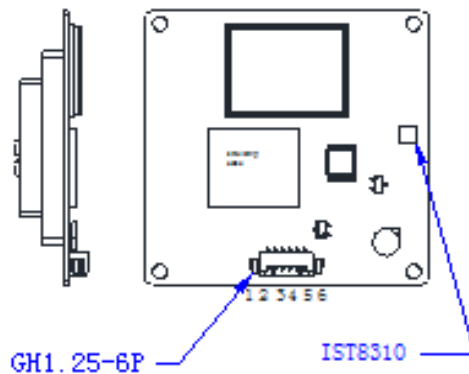
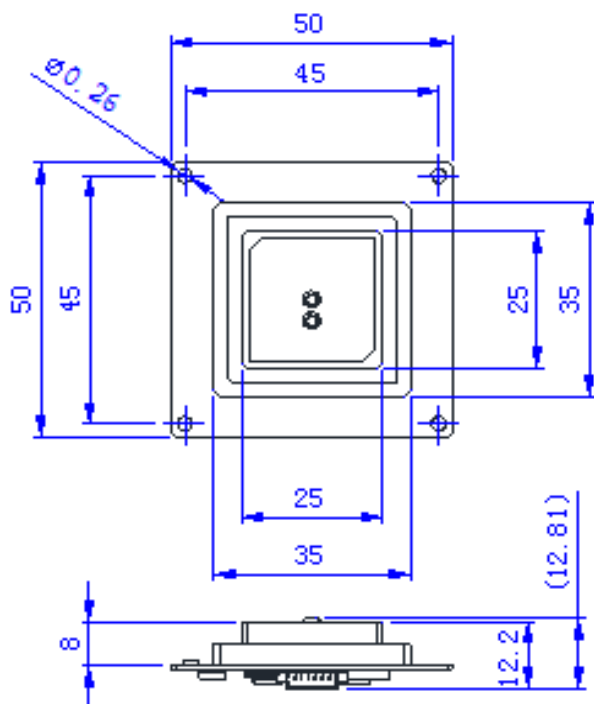
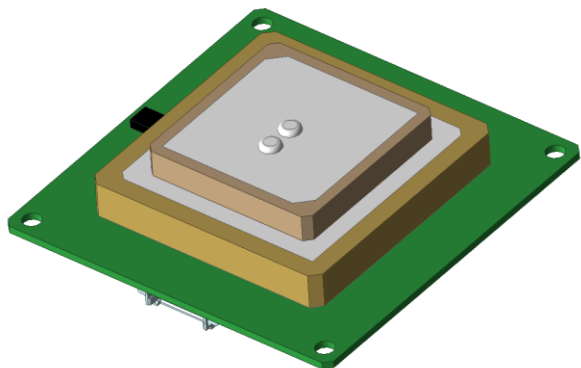
Features:

- High Gain and low noise.
- Concurrent reception of all constellations
- Multi-band RTK with fast convergence times and reliable performance
- Centimeter-level accuracy in a small and energy-efficient module
- Easy integration of RTK for fast time-to-market
- Variable cable length and connectors are available.
- RoHS compliance.
- RS232/TTL/USB electrical level is available
- GPS Navigation Status LED Indicator is available
- SRAM backup power supply is available



Applications :

- Automotive, recreational, marine, handheld system:
- GNSS signals from multiple frequency bands combined with RTK technology enables fast convergence times and reliable performance for scalable applications, including robotic lawnmowers, unmanned autonomous vehicles (UAV), and semi-automated or fully automated machinery.





- **Block Diagram:**
- The diagram is intended to provide the advanced information to aid customers in GP34-01 GNSS module design. Following this directive, customers will be familiar with the application circuit and speed up the product development.

