

P/N : RFM4000

1. FEATURES

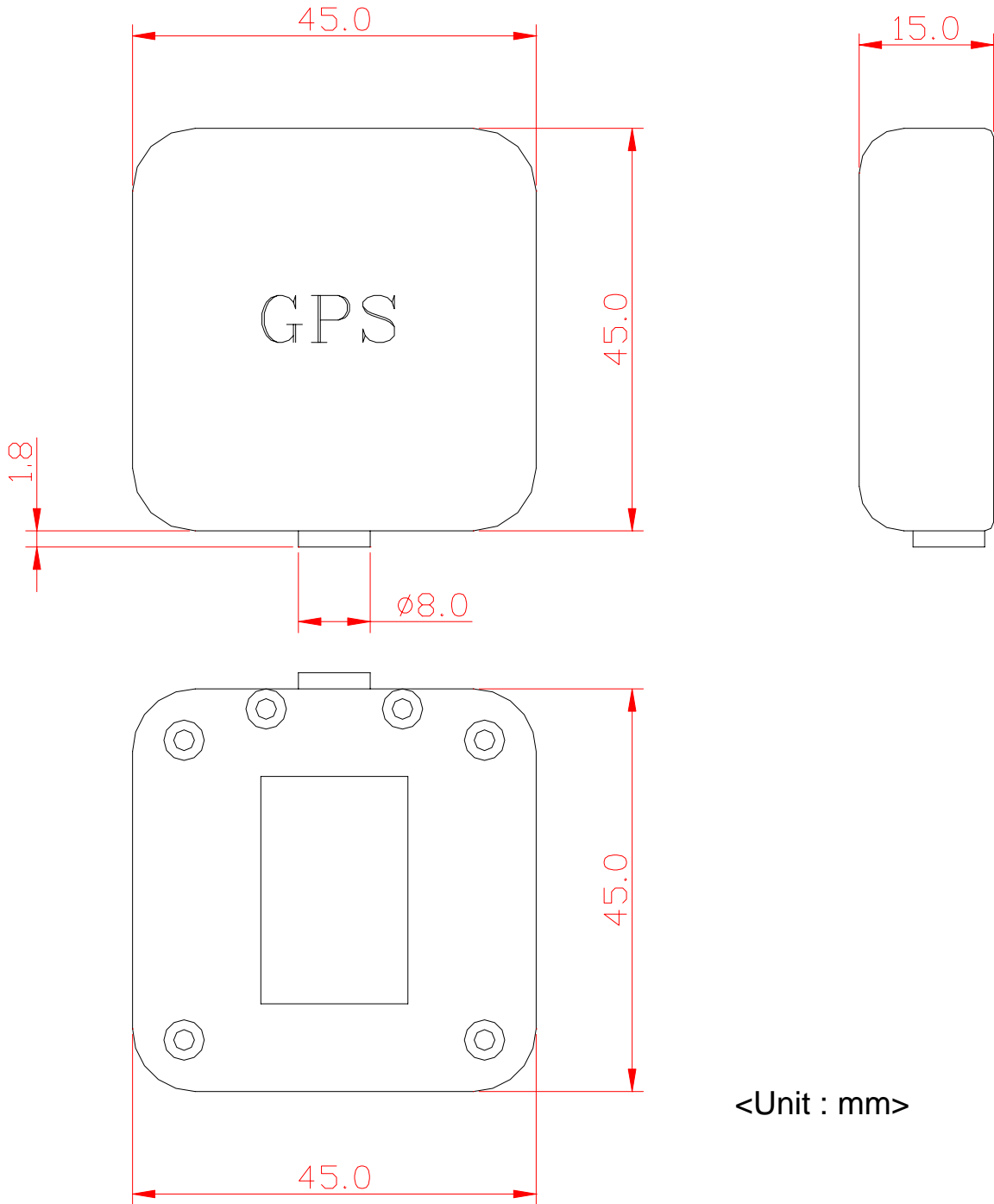
HIGH PERFORMANCE
 HIGH RELIABILITY
 Active Antenna Module for GPS
 RoHS Compliant

2. Electrical Specifications

| No | Item | Specification |
|----|-----------------------|-----------------------------|
| 1 | Operating Frequency | 1575.42 +/- 1.023 MHz |
| 2 | Antenna Element Gain | 2.5dBic @ Zenith |
| 3 | LNA Gain | 30 dB (typical) |
| 4 | Noise Figure | 2.0 dB max(+23°C) |
| 5 | VSWR | 2.0:1 Max |
| 6 | Output Band Rejection | -25dBc Min. @ fo +/- 50 MHz |
| 7 | Operating Voltage | 5.0V/3V |
| 8 | Power Consumption | 15 mA max |
| 9 | RF Cable & Connector | RG-174, 5m, black SMA |
| 10 | Magnetic | Strong Magnetic inside |
| 11 | Output Impedance | 50 Ω |
| 12 | Waterproof(Immersion) | 100% (IP 67) |



3. Mechanical Specifications



<Unit : mm>