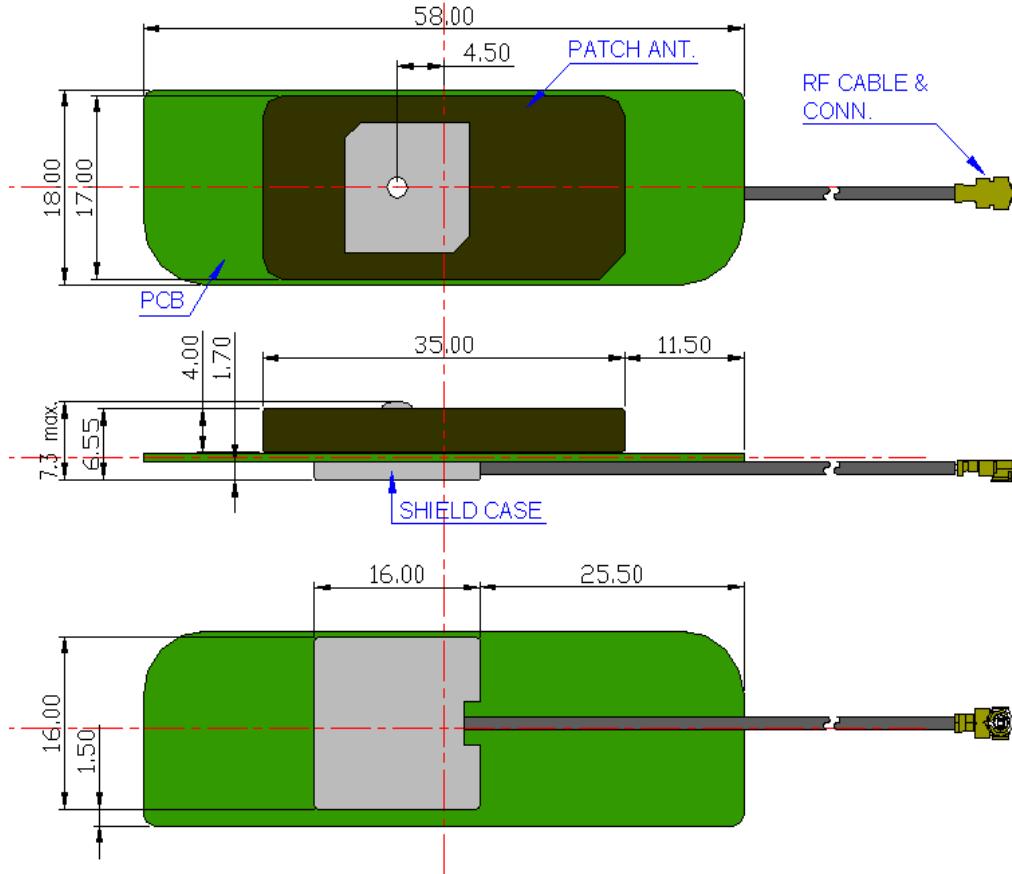


PARTRON GPS Active Ant.

Ver 1.0- SEP, 2007

■ P/N : **MAGBD173** series - type B

■ MECHANICAL DIMENSION (unit : mm)



■ ELECTRICAL CHARACTERISTICS

| | ITEM | Spec. | Remark |
|---------|-------------------------|----------------------------|---|
| Antenna | 1) Operating frequency | 1575.42 ± 1.023 MHz | |
| | 2) Gain @ Zenith | 1.7 dBic typ. | @ 58x19mm Ground plane |
| | 3) Polarization | R.H.C.P | |
| | 4) Size | 35x17x4 mm | |
| LNA | 5) Gain | 15 / 18 / 24 dB | Changeable by user request |
| | 6) Noise Figure | 1.5 dB typ. | @ normal temperature |
| | 7) Outband Rejection | 20 dBc min. | @ fc ± 100MHz |
| | 8) Output V.S.W.R | 2.0 : 1 max. | |
| Overall | 9) Overall Gain | 15~24 dBic | Includes cable loss |
| | 10) Operating Voltage | 3.0 Vdc | ± 0.3V |
| | 11) Consumption Current | 10 mA typ. | |
| | 12) Size | 58x18x7.3 mm | Changeable mechanical & electrical spec by user request |
| | 13) RF Cable | RF coaxial Φ0.8, 1.13, 1.3 | |
| | 14) RF Connector | Hirose / I-pex / Giga-lane | |



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