



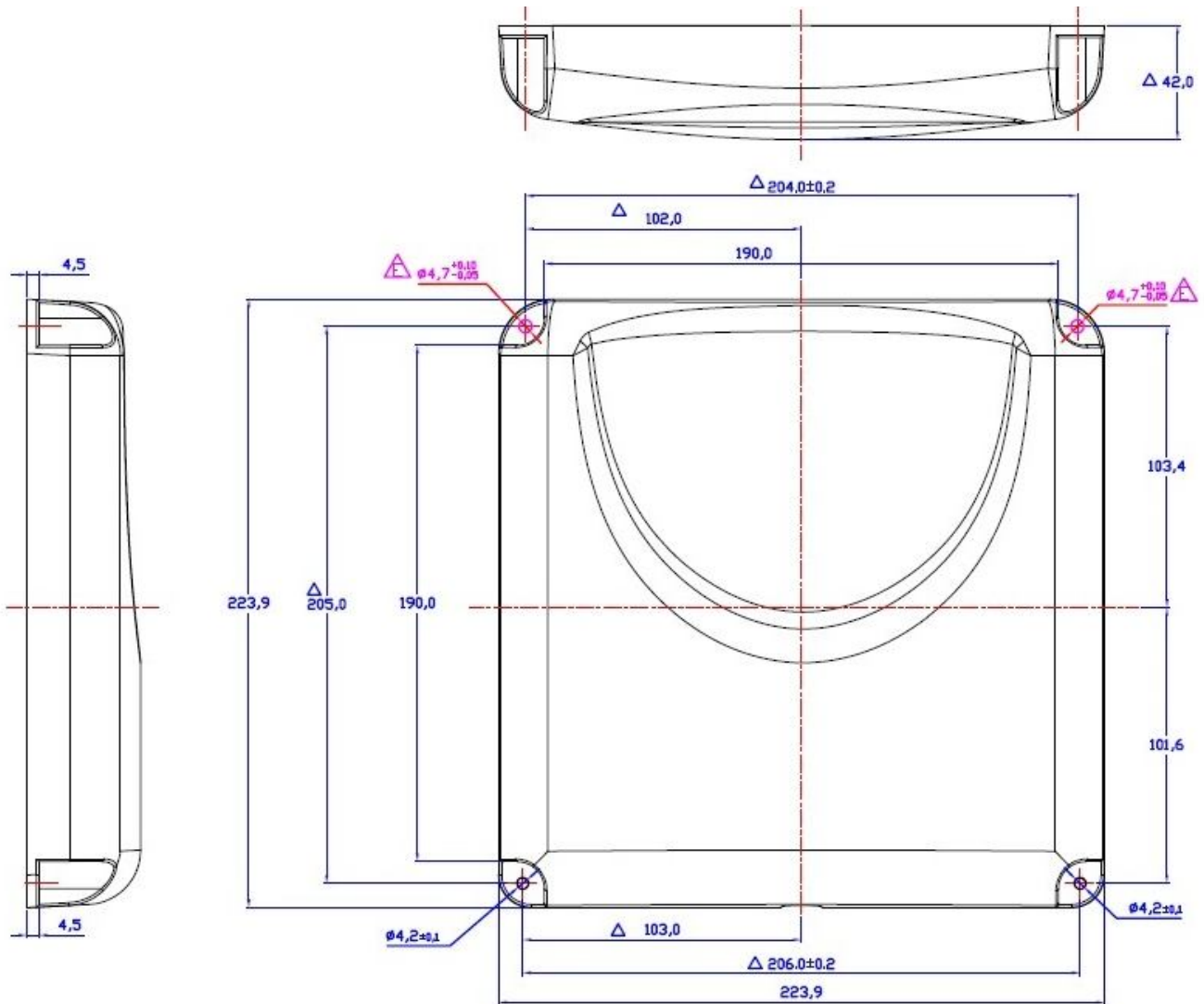
## RFID UHF Antenna Data Sheet

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Operating Frequency</b>       | 860~960MHz(return loss $\leq$ -10dB)<br>902~928MHz(return loss $\leq$ -14dB)                                               |
| <b>Impedance</b>                 | 50 $\Omega$                                                                                                                |
| <b>VSWR</b>                      | $\leq$ 1.9(860~960MHz)<br>$\leq$ 1.2(902~928MHz)                                                                           |
| <b>Gain</b>                      | 6dBic(860~960MHz)<br>7dBic(902~928MHz)                                                                                     |
| <b>Polarization</b>              | Right Hand, Circular                                                                                                       |
| <b>Front/Back Ratio</b>          | 13dB                                                                                                                       |
| <b>Radiation Pattern</b>         | Directional                                                                                                                |
| <b>HPBW<br/>(3dB Beam Width)</b> | 70° $\pm$ 10° @E-plane , 70° $\pm$ 10° @H-plane (860~960MHz)<br>70° $\pm$ 5° @E-plane , 70° $\pm$ 5° @H-plane (902~928MHz) |
| <b>Connector</b>                 | N Jack                                                                                                                     |
| <b>Input power</b>               | 10W(Max)                                                                                                                   |
| <b>Dimensions</b>                | 225 x 225 x 40 mm                                                                                                          |
| <b>Weight</b>                    | 660g                                                                                                                       |





Antenna Drawing





Radiation Pattern @915MHz

