

|                                 |                   |
|---------------------------------|-------------------|
| Part NO. <b>SS-RUI5065P653N</b> | Type RFID Antenna |
|---------------------------------|-------------------|

### Electrical Characteristics

#### Antenna

|   |                     |                       |
|---|---------------------|-----------------------|
| 1 | Antenna model       | 50*50*6.5mm           |
| 2 | Frequency Range     | 902MHz~928MHz         |
| 3 | V.S.W.R             | 2.0 max               |
| 4 | Band With@RL=-10dB  | $\geq 20$ MHz         |
| 5 | Gain@Zenith         | 3.0dBi@65*65mm Ground |
| 6 | Impedance           | 50 $\Omega$           |
| 7 | Polarization        | RHCP                  |
| 8 | Axial Ratio@Zenith  | <3dB                  |
| 9 | 3dB Power Beamwidth | $105 \pm 10^\circ$    |

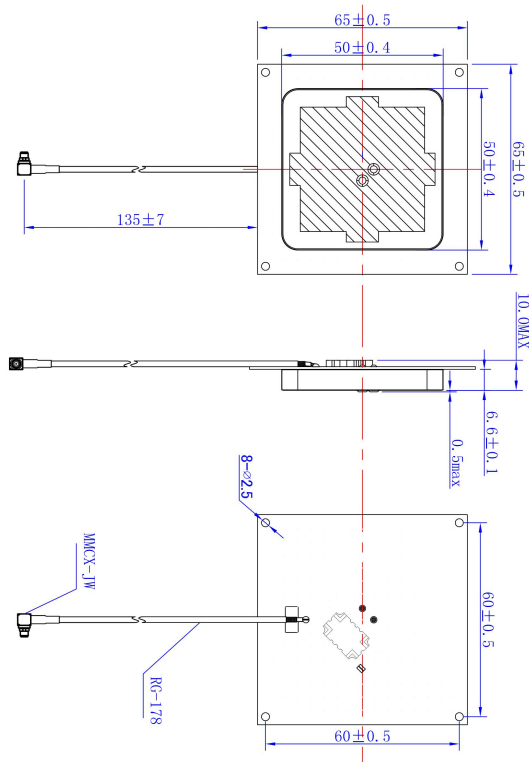
#### Material

| No | Part Name | Spec                |
|----|-----------|---------------------|
| 1  | Antenna   | Dielectric Ceramics |
| 2  | Ground    | 0.8mm, FR-4         |
| 3  | Cable     | 150mm, RG-178       |
| 4  | Connector | MMCX-JW             |

#### Environment Condition

|   |              |                           |
|---|--------------|---------------------------|
| 1 | Working Temp | -40°C ~ +85°C, 10%~95% RH |
| 2 | Storage Temp | -45°C ~ +90°C, 10%~95% RH |

#### Dimensions



#### Return Loss & Impedance

