

## **RoHS Compliant**

# **APPROVAL SHEET**

: Chip series antenna 2.4 GHz

**Bandwidth 100MHz** 

**DESCRIPTION** 

Issued No.: SLANT180901

| NOMINAL FREQ       | FREQ. : 2.4GHz |                |          |  |  |
|--------------------|----------------|----------------|----------|--|--|
| TAITIEN P/N        | :              | 1201-ANT-00062 |          |  |  |
| TAITIEN MODEL      | . :            | DN02450M31101  |          |  |  |
| REVISION           | :              | 01             |          |  |  |
| DATE               | :              | 07/18/2019     |          |  |  |
|                    |                |                |          |  |  |
| Approved           |                | Checked        | Prepared |  |  |
|                    |                |                |          |  |  |
|                    |                |                |          |  |  |
| CUSTOMER :         |                |                |          |  |  |
|                    |                |                |          |  |  |
| Customer Signature |                |                |          |  |  |
| Approved:          |                |                |          |  |  |
|                    |                |                |          |  |  |
|                    |                |                |          |  |  |
| Date:              |                |                |          |  |  |
|                    |                |                |          |  |  |



## **REVISION HISTORY**

| Rev. | Revised Page | Revision Content | Date       | Ref. No. | Reviser   |
|------|--------------|------------------|------------|----------|-----------|
| 01   | N/A          | Initial Released | 07/18/2019 | N/A      | IrwinChen |
|      |              |                  |            |          |           |
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#### 1.SCOPE: This specification applies to Chip series antenna

#### 2.Rating:

Operating Temperature : -25 °C  $\sim 125$  °C

Storage Temperature :  $20 \,^{\circ}\text{C} \sim 25 \,^{\circ}\text{C}$  R.H. 65% (For Reference)

## 3.Marking:



### 4. Standard Testing Condition:

|             | Unless otherwise specified      | In case of doubt |
|-------------|---------------------------------|------------------|
| Humidity    | Ordinary Humidity(25 to 85% RH) | 60 to 70 % RH    |
| Temperature | Ordinary Temperature(15 to 35 ) | 20±2             |

#### 5. Configuration and Dimensions:

| Figure   | Dimensions(mm) |         |  |  |
|----------|----------------|---------|--|--|
|          | L              | 3.2±0.2 |  |  |
| L →      | W              | 1.6±0.2 |  |  |
|          | D              | 0.5±0.2 |  |  |
|          | Т              | 0.5±0.2 |  |  |
|          |                |         |  |  |
| → D      |                |         |  |  |
| Ťτ       |                |         |  |  |
| <b>*</b> |                |         |  |  |
| I        |                |         |  |  |

TERMINAL CONFIGURATION



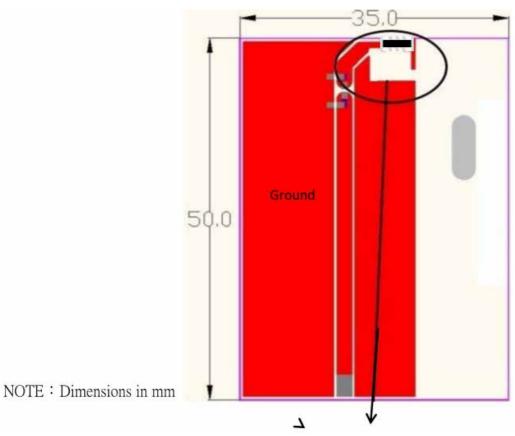
- (1) Feed Termination
- (2) Solder Termination

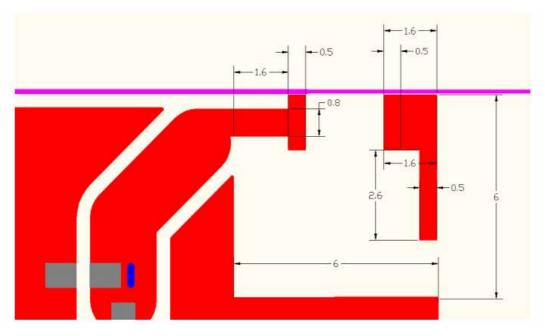


### 6. Electrical Characteristics:

| Part No.       | Impedance<br>(Ω) | Test Freq.<br>(GHz) | Bandwidth*<br>(MHz) | Peak Gain*<br>(dBi) | VSWR<br>(max) | Polarization<br>(Linear) |  |
|----------------|------------------|---------------------|---------------------|---------------------|---------------|--------------------------|--|
| 1201-ANT-00060 | 50               | 2.4                 | 100                 | 1~2                 | 2             | Linear                   |  |

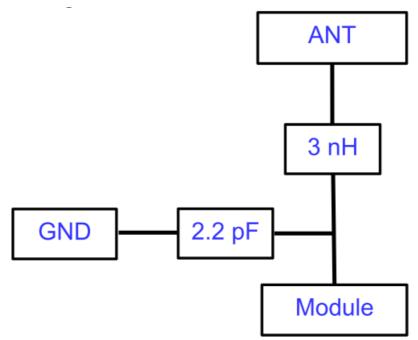
#### 7. Dimensions and Recommended PC Board Pattern:



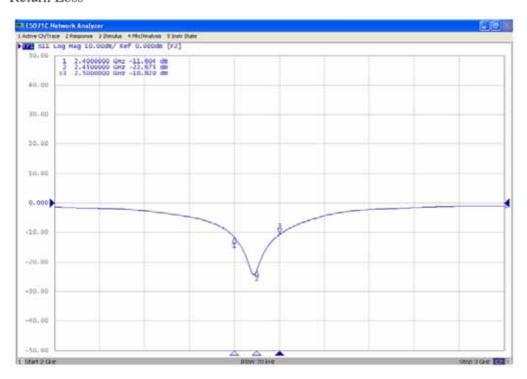




## 8. Matching Circuit:



#### Return Loss





## 9.antenna pattern pictuter

2440MHz

