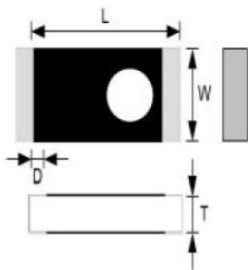
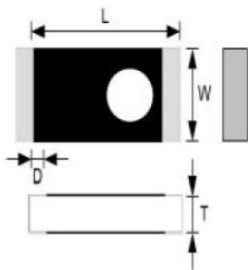
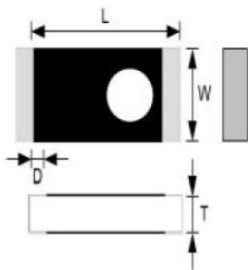


# 1. General Information

## 1.1 Antenna Information

| Manufacturer:            | Guangdong zhonglian Mobile Technology Co. , Ltd.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------|--------|----------------|--|-------------------------------------------------------------------------------------|---|---------|---|---------|---|---------|---|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Address of Manufacturer: | No. 602-B1, 6th Floor, Building 3, Liandong U Valley, No. 1 Shuiqing Road, Shuikou Sub-district, Huicheng District, Huizhou City                                                                                                                                                                                                                                                                                                                                                                          |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Product Name:            | SMD Antenna                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Model Name:              | ADC-940                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Frequency Range:         | 2400MHz – 2500MHz, 5150-5850MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Type of Antenna:         | SMD Antenna                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Antenna Gain:            | 2.4G: 1.5dBi, 5G: 1.2dBi (Max.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Impedance:               | 50 ohm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Antenna View:            | <table><tr><th>Figure</th><th colspan="2">Dimensions(mm)</th></tr><tr><td rowspan="5"></td><td>L</td><td>3.2±0.2</td></tr><tr><td>W</td><td>1.6±0.2</td></tr><tr><td>D</td><td>0.5±0.2</td></tr><tr><td>T</td><td>0.5±0.2</td></tr><tr><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table> |                |         | Figure | Dimensions(mm) |  |  | L | 3.2±0.2 | W | 1.6±0.2 | D | 0.5±0.2 | T | 0.5±0.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | Figure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Dimensions(mm) |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                        | L              | 3.2±0.2 |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | W              | 1.6±0.2 |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | D              | 0.5±0.2 |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | T              | 0.5±0.2 |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |         |        |                |  |                                                                                     |   |         |   |         |   |         |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## 2. Antenna Specification information

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### 2.1 Gain

| Frequency | Peak Gain (dBi) | Polarity   |
|-----------|-----------------|------------|
| 2400MHz   | 1.5             | Horizontal |
| 2400MHz   | 0.87            | Vertical   |
| 2450MHz   | 0.81            | Horizontal |
| 2450MHz   | 0.43            | Vertical   |
| 2500MHz   | 0.52            | Horizontal |
| 2500MHz   | 0.17            | Vertical   |
| 5150MHz   | 1.2             | Horizontal |
| 5150MHz   | 0.71            | Vertical   |
| 5500MHz   | 0.92            | Horizontal |
| 5500MHz   | 0.38            | Vertical   |
| 5850MHz   | 0.47            | Horizontal |
| 5850MHz   | 0.09            | Vertical   |

## 2.2 Radiation Pattern View

