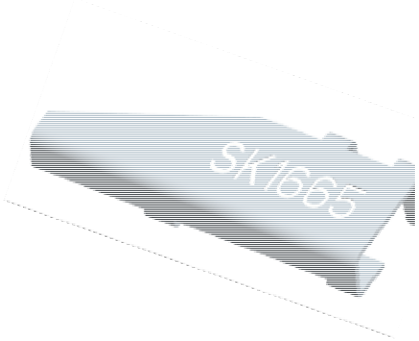
TLL-SKYLink
天联凌



WiFi/Bluetooth Metal SMD Antenna

1665

Product Number: SK1665M2400-T01

REFERENCE SPECIFICATION

深圳市天联凌科技有限公司
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Version: 2020-6-3

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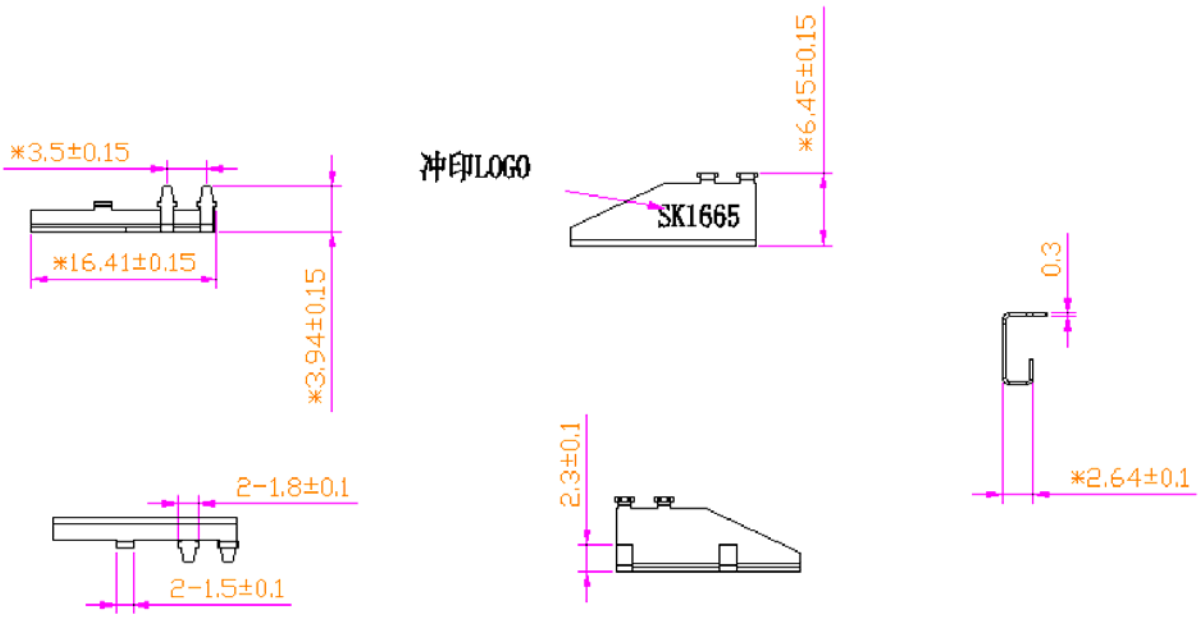
1. 概述 INTRODUCTION

"TLL-SKYLink" SMD 金属天线 SK 系列产品设计用于 WLAN、WiFi、蓝牙、PHS，手机 多频天线，FM 等小体积 SMD 片式设计。

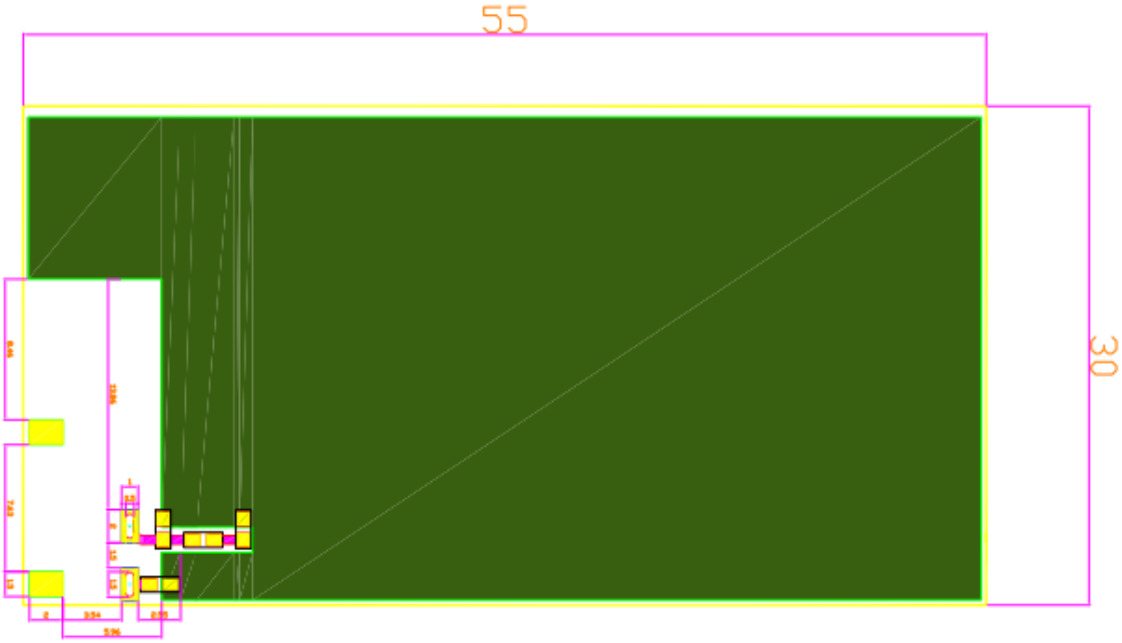
" TLL-SKYLink " SMD Metal Antenna SK series are designed to be used in WLAN、WiFi、Bluetooth、PHS、 Multiple-band Mobile phone antenna, FM, etc and compact size SMD chip design.

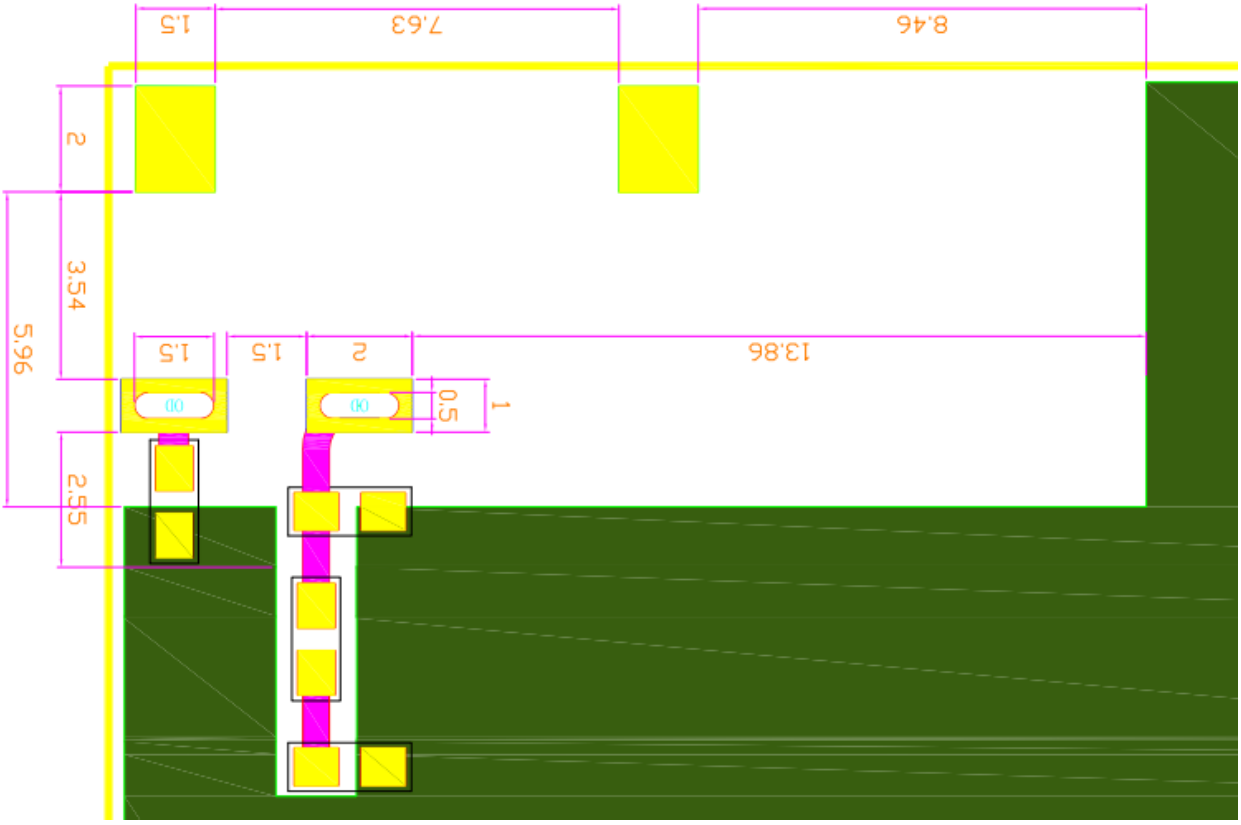
2. 型号 ParNumber

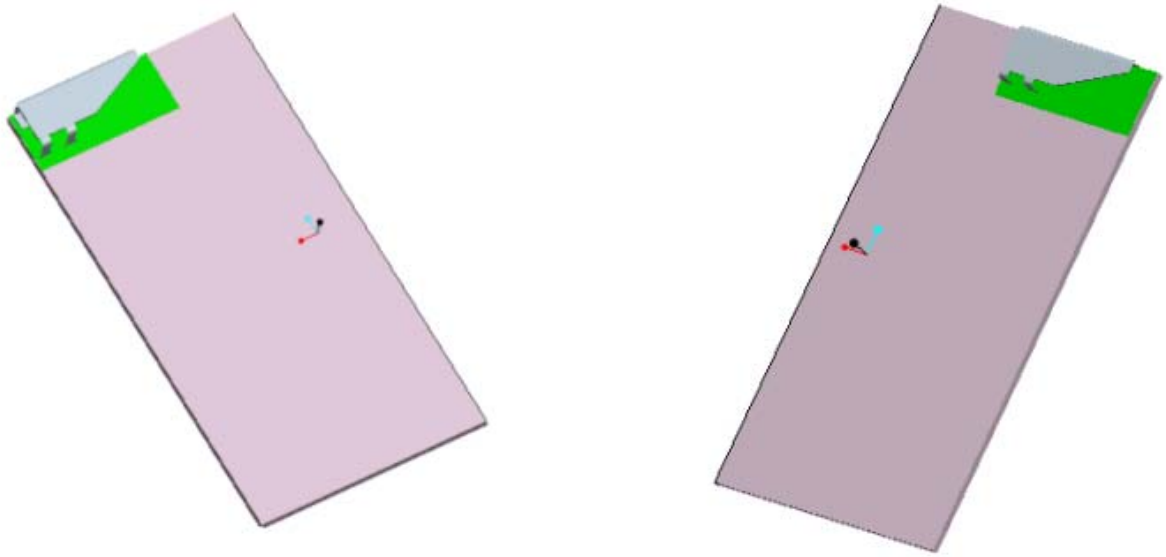
3. 外型尺寸 Dimensions（Unit：mm）

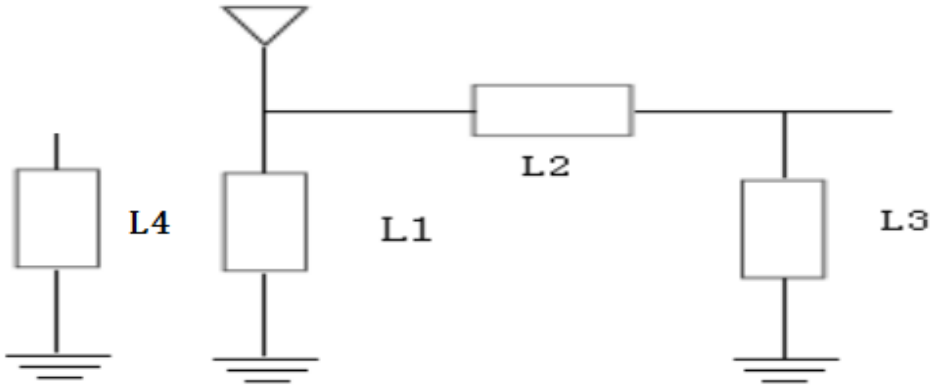


4. 测试电路和匹配电路 Evaluation Board and Matching Circuits









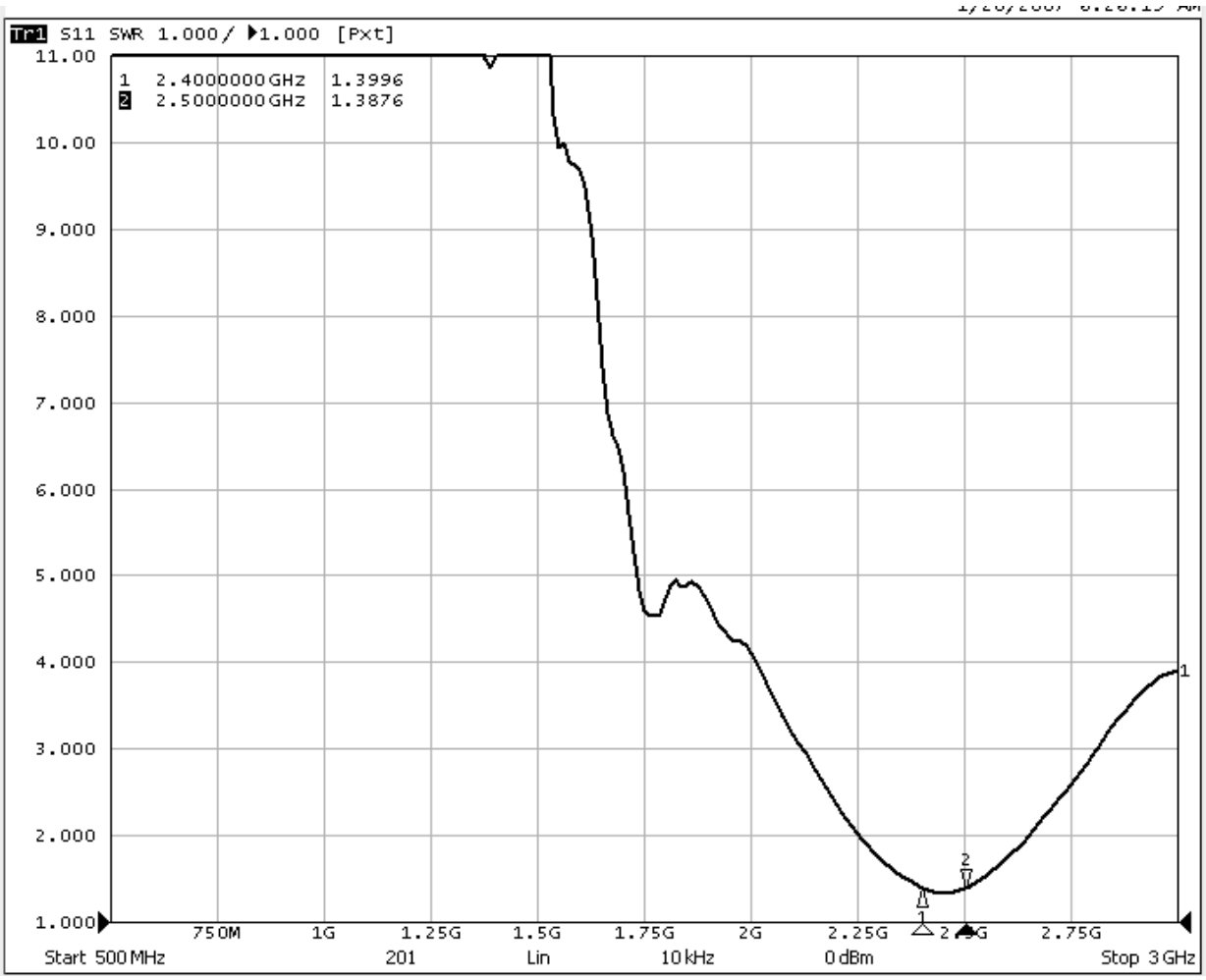
Lacation	Description	Antenna Type
L1	N/A	
L2	10PF	
L3	N/A	
L4	N/A	Monopole Antenna
L4	0 Ω	PIFA Antenna

5. 电气性能 Electrical Characteristics

No.	（项目）Item	（规格）Specifications
5.1	(带匹配电路测试)After Matching	2400~2500 MHz
5.2	效率 Efficiency	>60%
5.3	峰值增益 Peak Gain	3 dBi
5.4	驻波比 V.S.W.R	≤2.0
5.5	极化方式 Polarization	线性 Linear
5.6	方位角 Azimuth Beam width	全向 Omni-directional
5.7	阻抗 Impedance	50 Ω

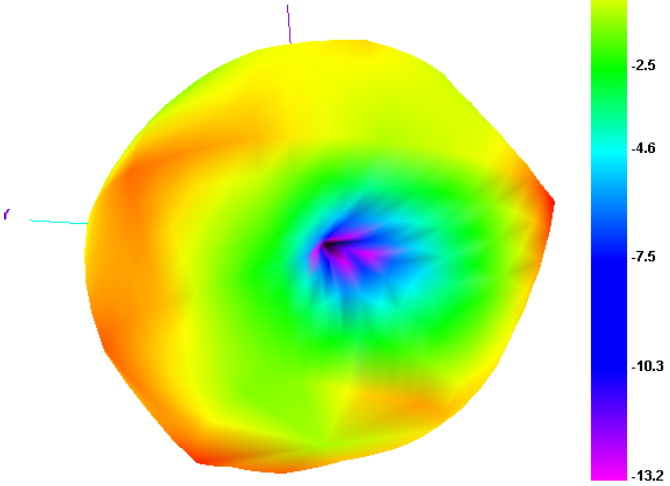
Freq (MHz)	Effi (%)	Gain (dBi)
2400	65.69	1.06
2410	62.43	0.82
2420	62.54	0.84
2430	66.72	1.13
2440	67.04	1.19
2450	70.47	1.42
2460	72.66	1.61
2470	77.02	2
2480	80.97	2.29
2490	84.25	2.63
2500	86.78	3.00

6. 特性曲线 Characteristic curve -VSWR

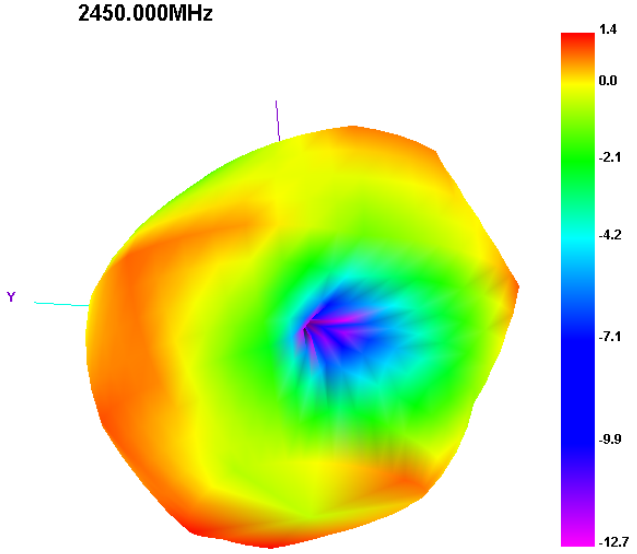


7. 方向图 Radiation Pattern

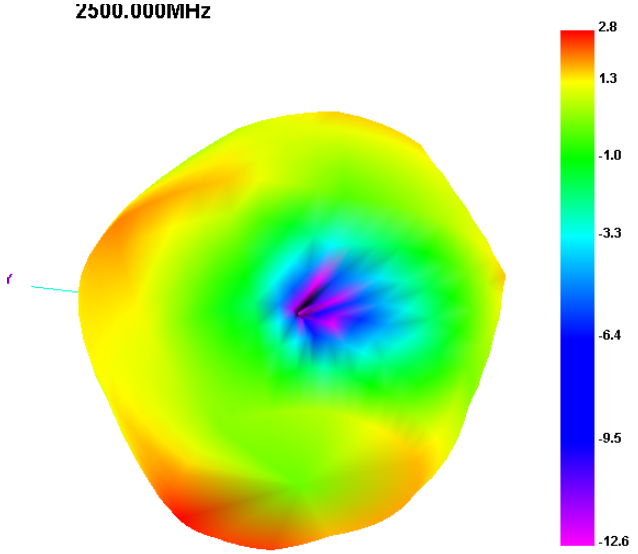
2400.000MHz



2450.000MHz

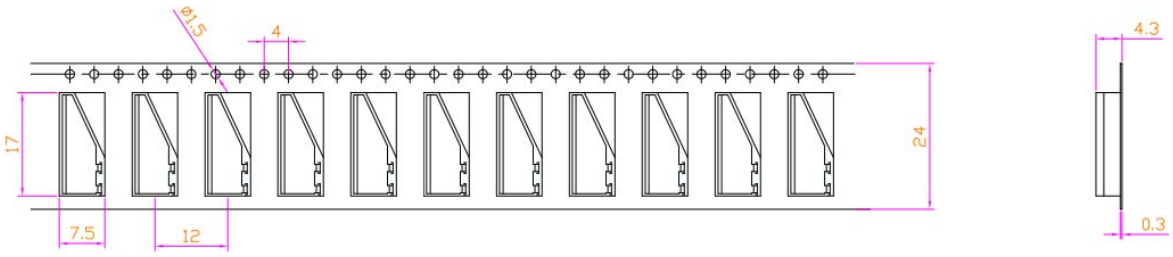


2500.000MHz



8. 包装尺寸 Packaging and Dimensions

8.1 Plastic Tape

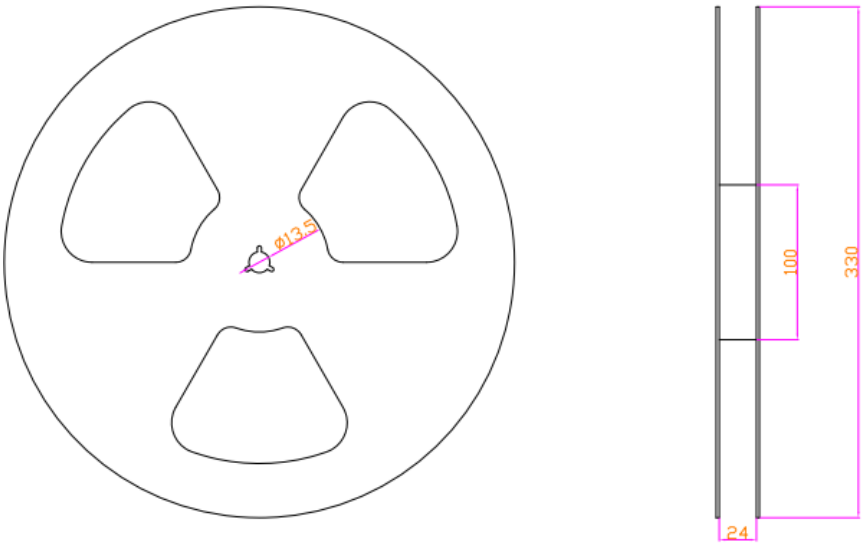


包装说明： Remarks for Package

载带尾部空穴长度 150～200mm，载带头部空穴长度 250～300mm，头部的盖带加长 250mm。

Reserve a length of 150~200mm for the trailer of the carrier and 250~300 mm for the leader of the carrier and further 250mm of cover tape at the leading part of the carrier.

8.2 Reel（1200 pcs/Reel）



8.3 储存条件 Storage Period

易氧化产品，真空状态储存一年. 产品拆封后请于 168 小时内用完或重新密封包装！

Oxidizable, 12 months in vacuum sealed bag . Material, please repack within 168 hours by re-seal the package treatment after use them!

储存温度与湿度:

Storage Temperature Range : <30 degree C, Humidity : <60%RH