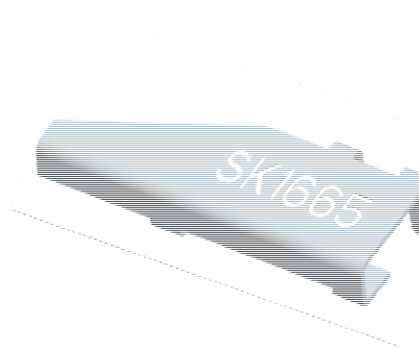




WiFi/Bluetooth Metal SMD Antenna

1665

Product Number: SK1665M2400-T01

REFERENCE SPECIFICATION

目录

Table of contents

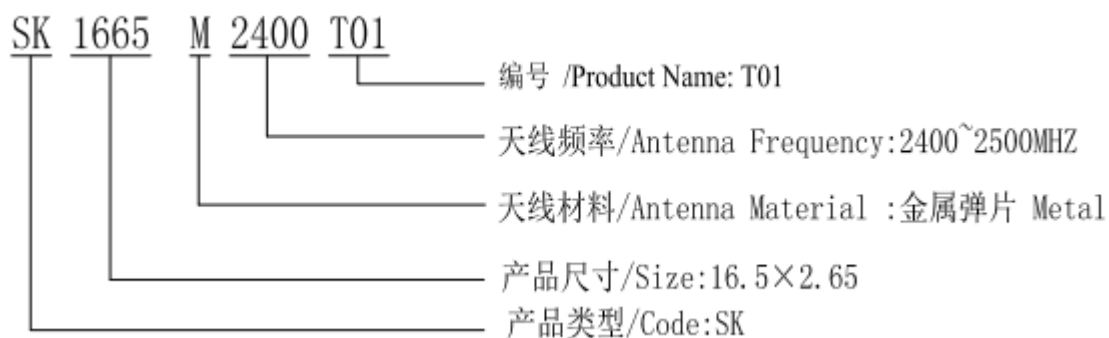
1. 概述 Introduction
2. 型号 Part Number
3. 外型尺寸及测试板焊盘尺寸
4. 测试电路和匹配电路 Evaluation Board and Matching Circuits
5. 电气性能 Electrical Characteristics
6. 特性曲线 Characteristic curve -VSWR
7. 方向图 Radiation Pattern
8. 包装尺寸 Packaging and Dimensions

1. 概述 INTRODUCTION

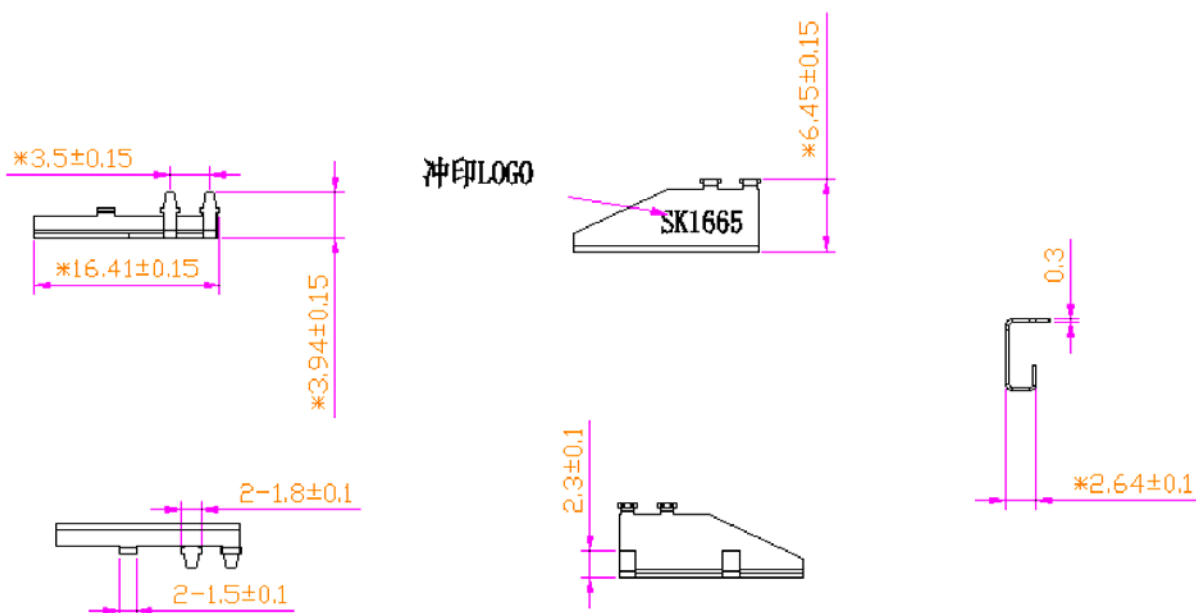
"TLL-SKYLink" SMD 金属天线 SK 系列产品设计用于 WLAN、WiFi、蓝牙、PHS, 手机 多频天线, FM 等小体积 SMD 片式设计。

" 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.

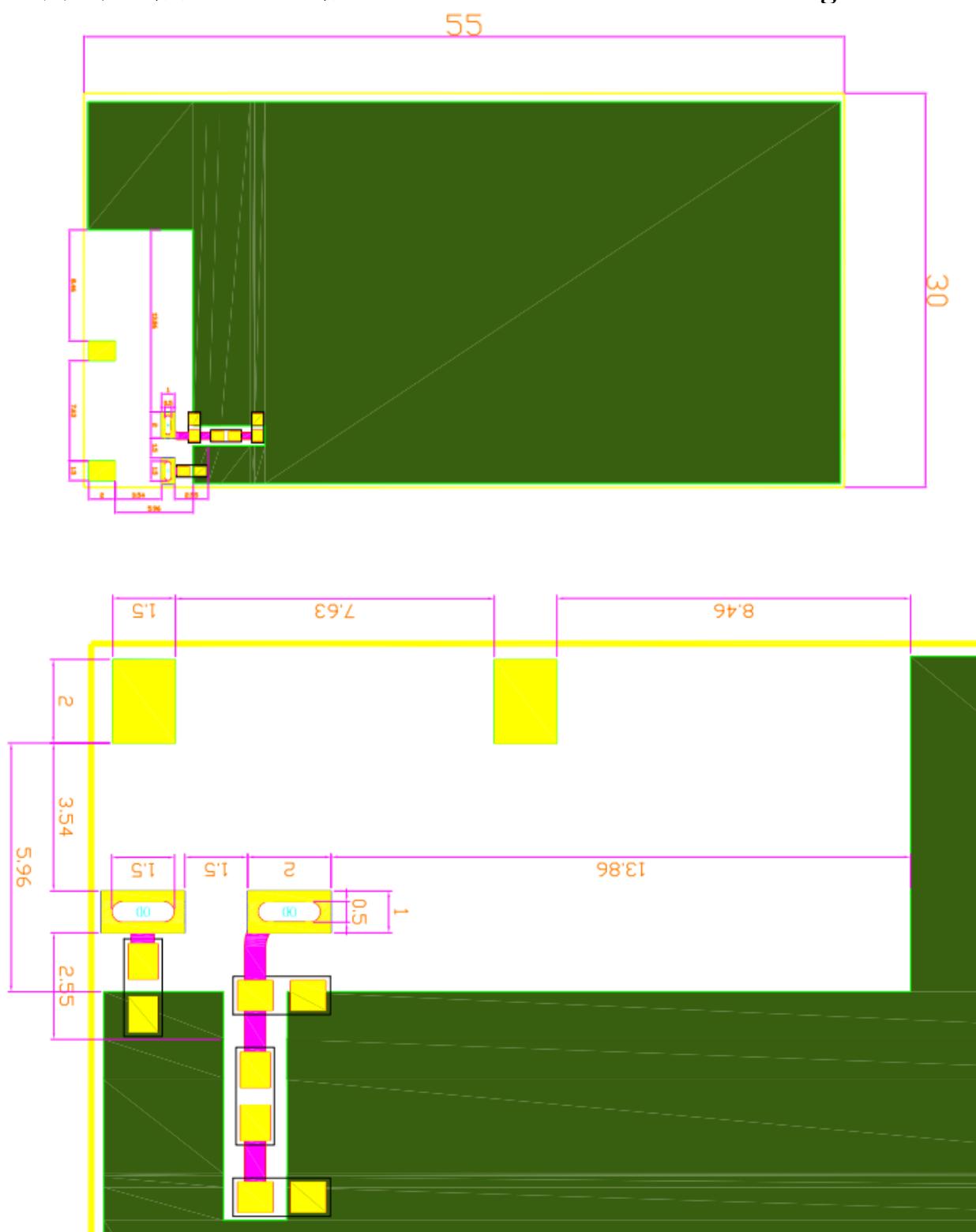
2. 型号 ParNumber

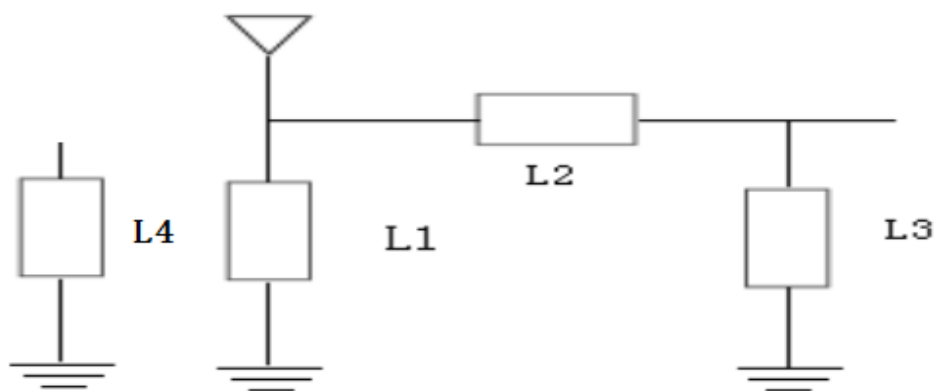
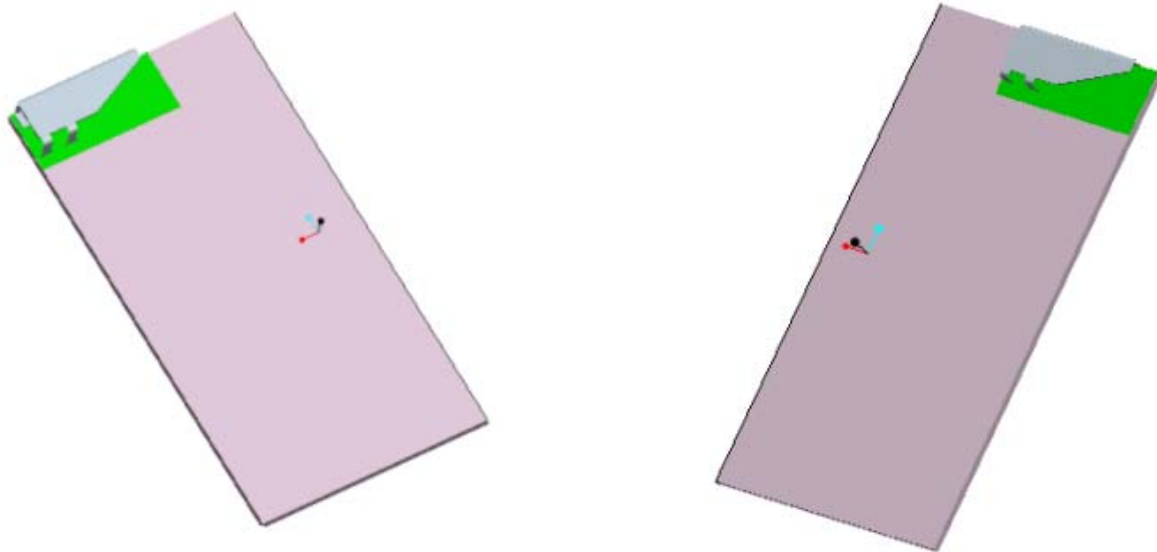


3. 外型尺寸 Dimensions (Unit: mm)



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





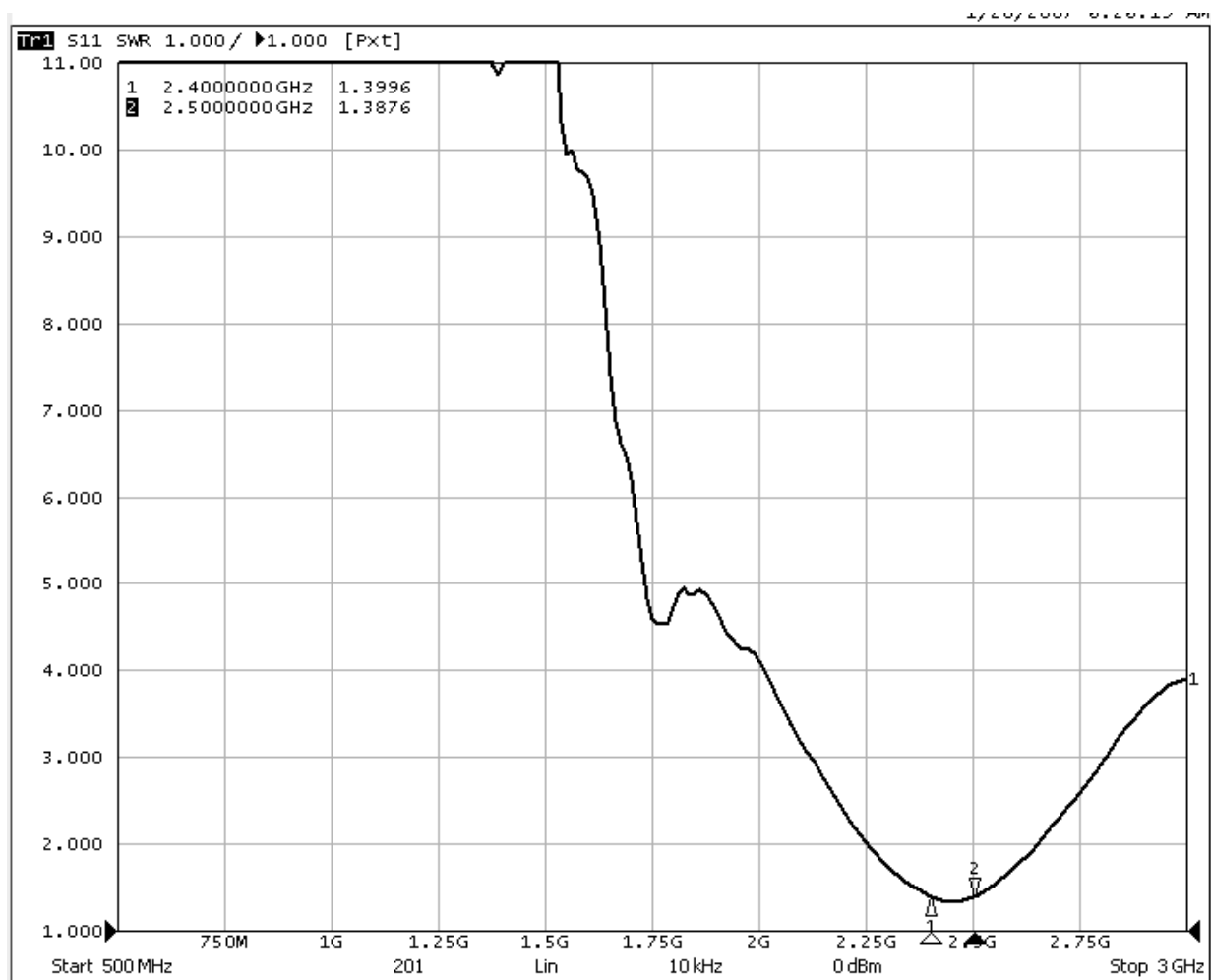
Lacation	Description	Antenna Type
L1	N/A	
L2	10PF	
L3	N/A	
L4	N/A	Monopole Antenna
L4	0 Ω	PIFA Antenna

5. 电气性能 Electrical Characteristics

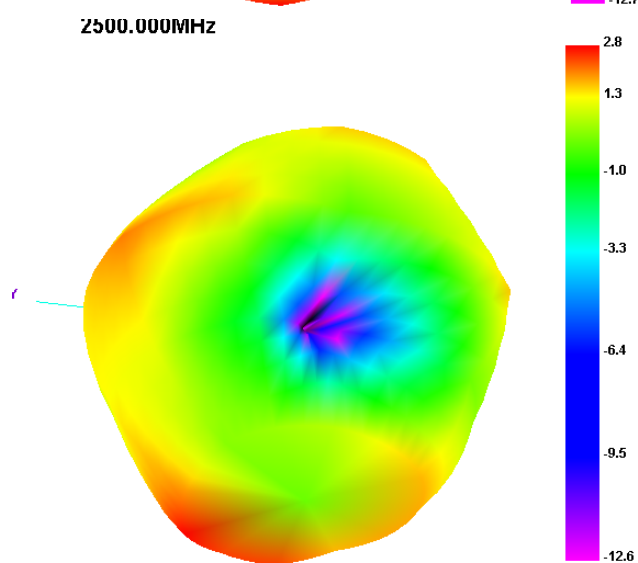
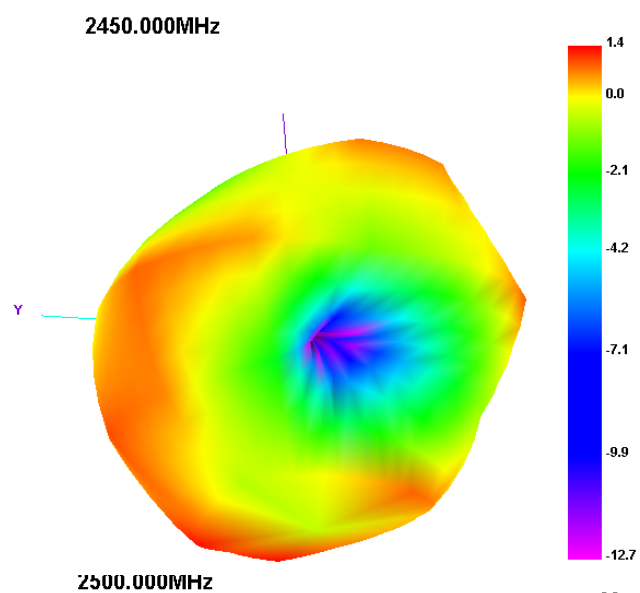
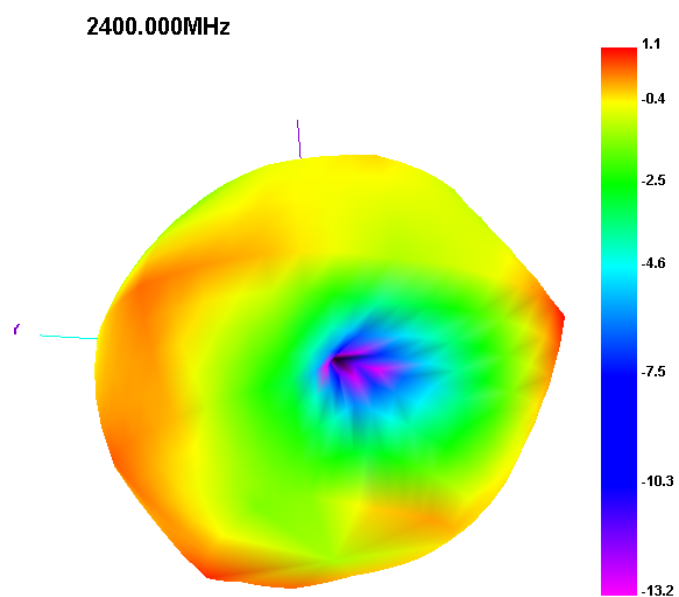
No.	(项目) Item	(规格) Specifications
5.1	(带匹配电路测试)After Matching	2400~2500 MHz
5.2	效率 Efficiency	>60%
5.3	峰值增益 Peak Gain	3 dBi
5.4	驻波比 V.S.W.R	≤2.0
5.5	极化方式 Polarization	线性 Linear
5.6	方位角 Azimuth Beam width	全向 Omni-directional
5.7	阻抗 Impedance	50 Ω

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

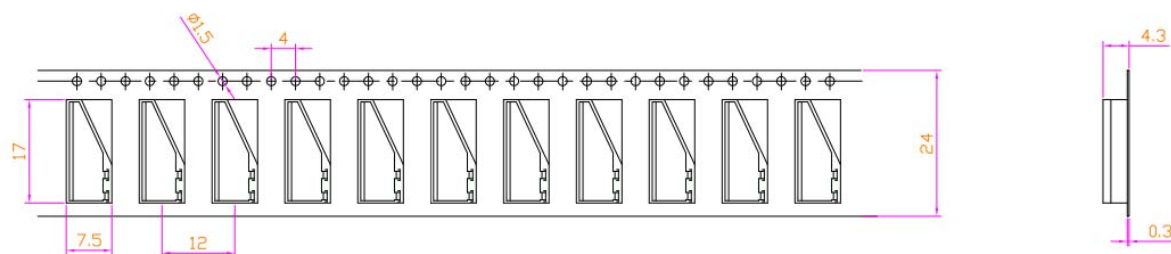


7. 方向图 Radiation Pattern



8. 包装尺寸 Packaging and Dimensions

8.1 Plastic Tape

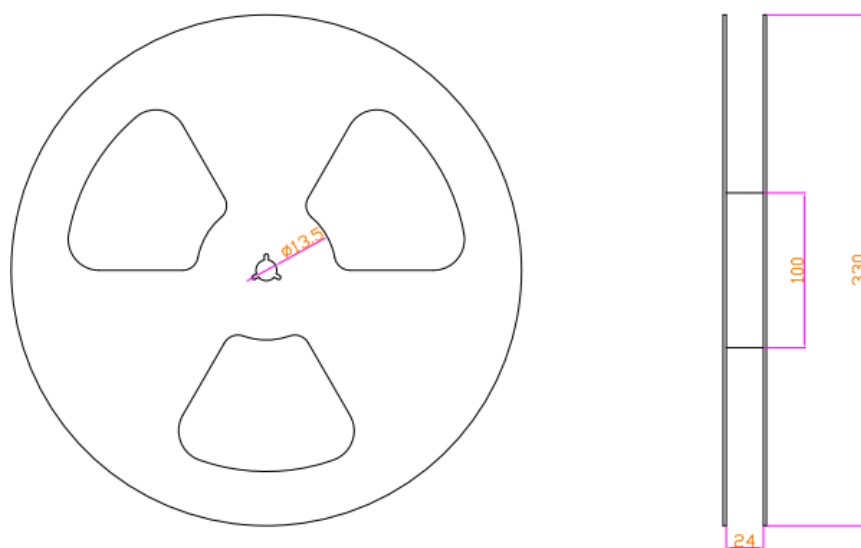


包装说明: Remarks for Package

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