

产 品 规 格 书

PRODUCT SPECIFICATION SHEET

客 户 名 称: _____

产 品 名 称: 2.4GHz PCB Antenna

产 品 料 号 : HLK-TX-PCB-G

客 户 料 号: _____

送 样 日 期: 2015-6-12

工程确认:

核准	工程	制作	签章
Approval	Quality	Engineer	

客户确认:

核准	研发	品质	签章
确认结果: ☐ 合格 ☐ 不合格 ☐ 其它			



List of Acknowledgement Letter Items

Item	Description
1.....	Acknowledge the book cover
2.....	List of Acknowledgement Letter Items
3.....	Engineering surface
4.....	Electrical test report

深圳市海凌科电子有限公司
Shenzhen Hi-Link Electronic Co.,Ltd



RF Antenna Cable Assembly

Specification

1. Electrical Properties

- 1.1 Frequency Range.....2.4GHz-2.5GHz
- 1.2 Impedance.....50 Ω Nominal
- 1.3 VSWR.....1.92:1MAX
- 1.4 Return Loss.....-10dB Max
- 1.5 Gain(peak)2dBi
- 1.6 Cable loss.....0.3dBi Max
- 1.7 Polarization.....Linear Vertical
- 1.8 Admitted Power.....2W
- 1.9 Cable.....O.D 1.13mm
- 1.10 Conn.....IPEX

2. Physical Properties:

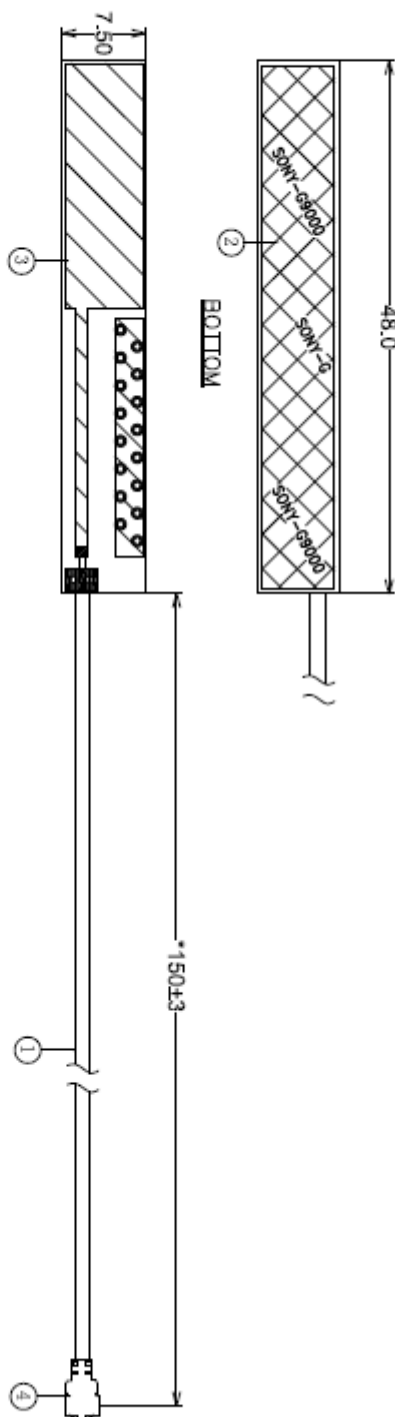
- 2.1 Antenna Material..... PCB
- 2.4 Operating Temp.....-20°C- +65°C
- 2.5 Storage Temp.....-30°C- +75°C
- 2.6 Color.....Green



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RoHS Compliant



技术要求:

1. 芯线导体不能断或缺少
2. 阻抗: 50 欧姆
3. 不可有短路, 同轴表面不能有刮伤
4. 端子为压接 IPEX 端子, 确保产品品质, 产品拉力要达到 1.2KGf.

TOLERANCE

LINEAR ANGLES

X.±0.40 X.±

X.±0.30 X.±

X.±0.20 X.±

X.±0.10 X.±

Hi-Link

APPR: Jason MATL:

CHKD: Schumi FINISH:

DRWN: Terry Q'TY:

NO PART NAME Q'TY

1 Connector

1

MHF Au Plating

48.0mm/7.5/0.6mm

47.0*6.5*10.1mm

1

Coaxial Cable

1

O.D. 1.13mm (BLACK)

DESCRIPTION

TITLE: Wifi Antenna L-150mm MHF CABLE

PART NO. 20150310001

DMG NO. HCC001-02

UNITS SCALE SHEET REV

MM 1:1 1 OF 1 A

customer

一 驻波比



Frequency(MHZ)	VSWR
2400	1.64
2450	1.48
2500	1.46

二 效率

Frequency	Efficiency (%)	Average GAIN(dB)	Peak GAIN (dBi)
2400	40.43	-4.23	1.33
2450	41.43	-3.85	1.26
2500	39.21	-4.07	1.42

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3D pattern(wifi 频段中间频点 2450MHz)

