Shenzhen Yishengbang Technology Co., Ltd

SPECIFICATION FOR APPROVAL

corporate name (Customers fill) : **Shenzhen MaxChip Technology Co., Ltd**

Material code (Customers fill) : _____

Specification and model (Customers fill) : SPEEDLINE

Date of recognition () : _____

Supplier Name (SLK) : Shenzhen Yishengbang Technology Co., Ltd

Specification and model (SLK) : WIFI:SLK-MXSX-2014-R-50-G

Acknowledgment signature					
Supplier Recognition (SLK)			**Shenzhen MaxChip Technology Co., Ltd**		
engineer	to examine	ratify	engineer	to examine	ratify
Zeng Liwen	Huang Zhen	Lin Meicai			
Stamp			Stampe		
Date		2023-05-06	Date		
		Memorandum: ☐accept ☐conditional acceptance			
notes (Customers fill) :					

Supplier Name:Shenzhen Yishengbang Technology Co., Ltd

Supplieraddress:608, Building B, Shenzhen Qianwan Hard Technology Industrial Park, Bao'an District, Shenzhen

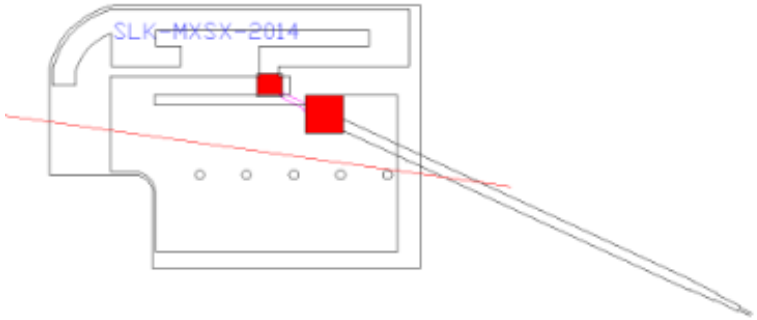
phone: 18025305599 phone: 18666299104

WIFI Antenna (2014)

1. Explanation of Product number :

S L K - M X S X - 2 0 1 4 - R - 5 0 - G

1 2 3 4 5



Product Code:
(1) Customer:
MXSX:美芯视讯
(2) Project:
2014: SLK-MXSX-2014(WIFI antenna 2.4~2.5GHz 5~5.85GHz)
(3) Welding Position
R:Right
(4) Cable Length:
50: 50*0.81MM双剥
(5)Cable Color
G: Grey

2. Features

*Stable and reliable in performances
*Compact size
*RoHS compliance

3. Applications

* IEEE802.11 (a/b/g/n)
* Hand-held devices when WIFI (802.11a/b/g/n) functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11 a/b/g/n) applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

5. Electrical Specifications

5-1

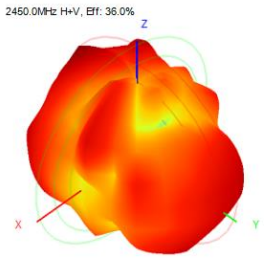
Characteristics	Specifications	Unit
Outline Dimensions	**19.71x14.03x 0.12**	**mm**
Center Frequency	**2.4-2.5/5.15-5.85**	**GHz**
Bandwidth(under-10dB return loss)	**130min**	**MHz**
VSWR	**3max**	

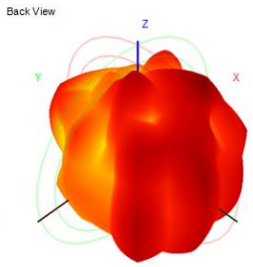
5-2.

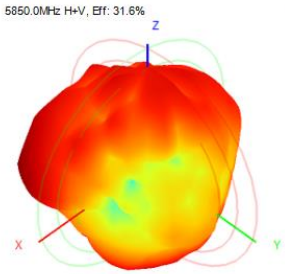
VSWR **S11**

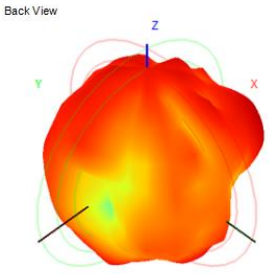
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency	Efficiency (	Gain (dBi)	Efficiency (%)
2400.0	-4.52	0.88	35.35
2410.0	-4.77	0.85	33.36
2420.0	-4.86	0.98	32.66
2430.0	-4.68	1.25	34.06
2440.0	-4.76	1.27	33.44
2450.0	-4.44	1.50	35.96
2460.0	-4.20	1.66	37.98
2470.0	-4.02	1.75	39.65
2480.0	-3.64	2.01	43.23
2490.0	-3.46	2.10	45.05
2500.0	-3.70	1.74	42.65
5150.0	-5.08	0.80	31.03
5350.0	-5.77	0.09	26.46
5550.0	-6.43	-0.29	25.07
5650.0	-5.58	1.01	27.65
5850.0	-5.00	1.73	31.64

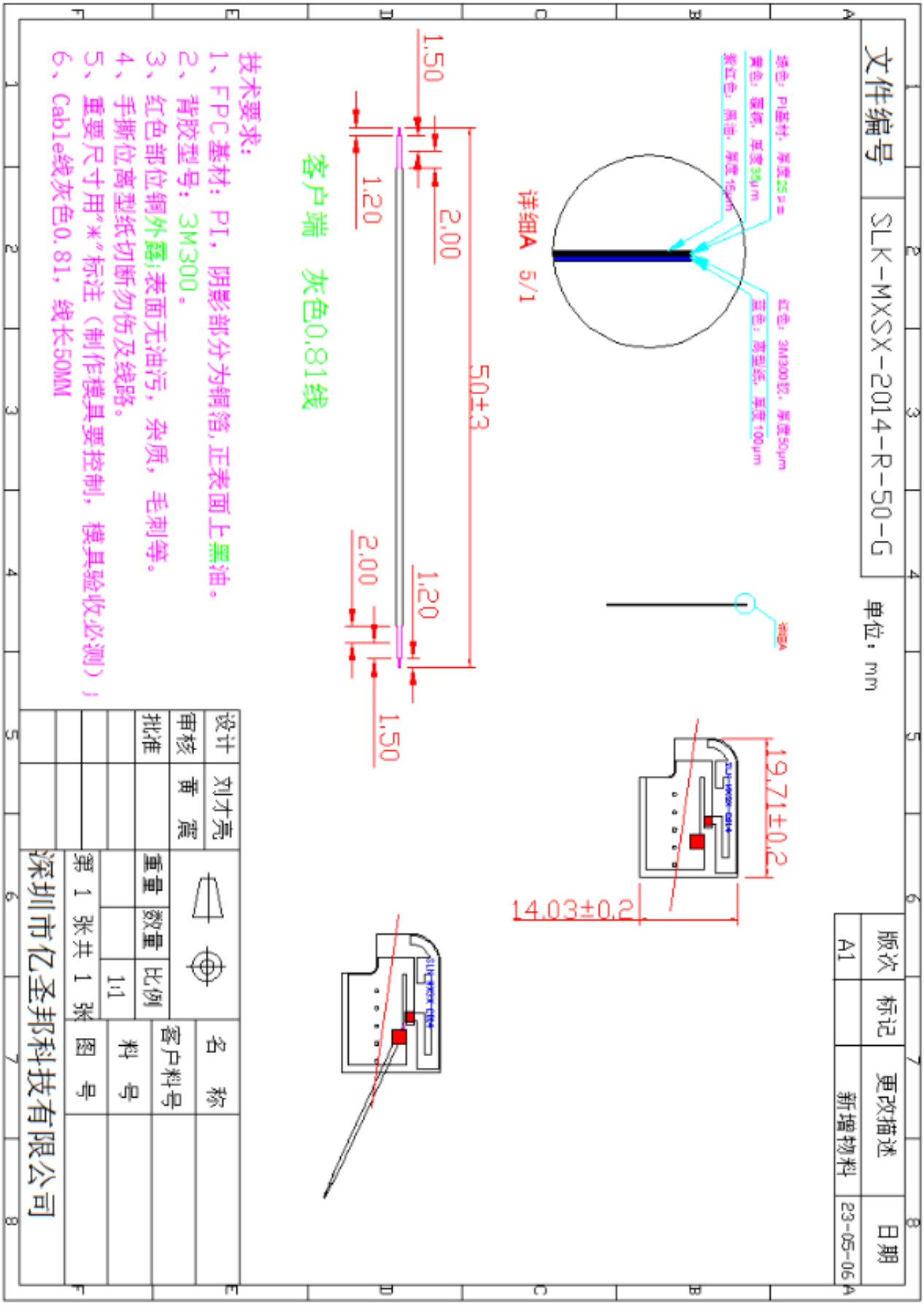








6.Antenna Dimensions (unit: mm)



7. Antenna Picture