

Shenzhen Yishengbang Technology Co., LTD

Sample acceptance letter

SPECIFICATION FOR APPROVAL

The name of the company : Shenzhen NaSida Industry and Trade Co., LTD

The material code: _____

specifications: NJ10055

Admitted to date: _____

The name of the supplier: Shenzhen Yishengbang Technology Co., LTD

Supplier standard type number: WIFIMAIN:SLK-NSD-2516V1-L-300IV-B

WIFIAUX:SLK-NSD-2516V2-R-490IV-G

Admit signature

For acceptance by the contractor			Shenzhen NaSida Industry and Trade Co., LTD		
Rf Engineer	audit	approval	Rf Engineer	audit	approval
Shi Lian Chen	Zhen Huang	Mei Cai Lin			
Signed and sealed			Signed and sealed		
date	2023-2-9		date		
instructions: <input type="checkbox"/> accept <input type="checkbox"/> Conditional acceptance					
note:					

The name of the supplier: Shenzhen Yishengbang Technology Co., LTD

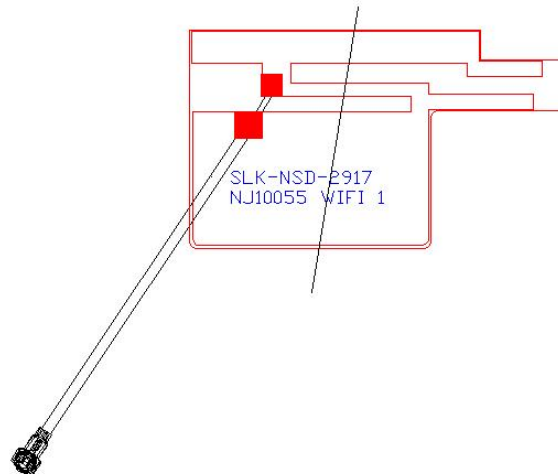
Supplier address : 101, Building C, Shenzhen Qianwan Hard Technology Industrial Park, Bao 'an District, Shenzhen

telephone: 18025305599

telephone: 18666299104

WIFI 1

1. Explanation of Product number :



Product Code:

- (1) Customer: 纳斯达
- (2) Antenna Name: WIFI 天线 (WIFI Antenna)
- (3) Connector: 1.13 黑色线, 总长300mm, 4代端子

2. Features

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

3. Applications

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

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11b/g/n/a) 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	29.3x17x0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

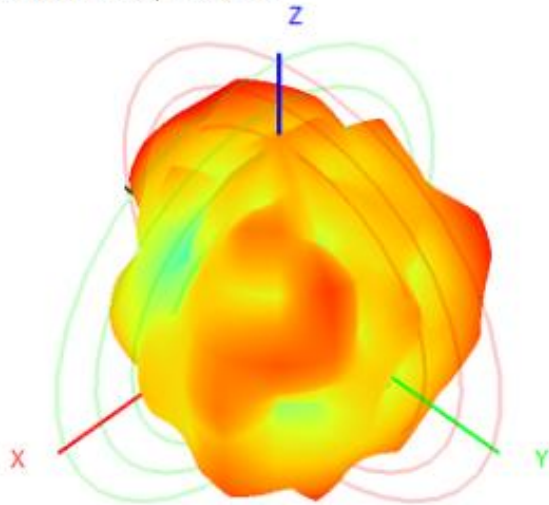
S11



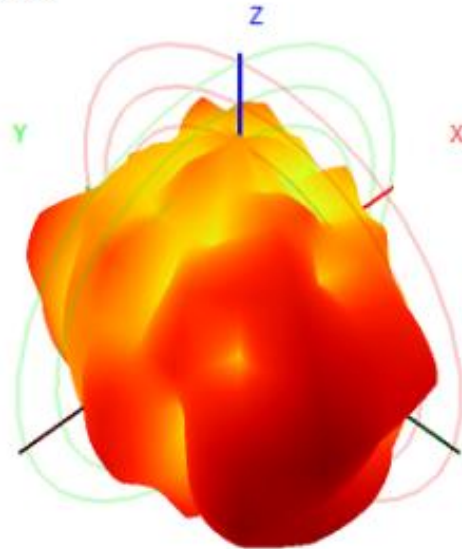
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5350.0	5500.0	5650.0	5850.0
Efficiency (dBi)	-3.28	-3.37	-3.55	-3.65	-3.76	-3.59	-3.25	-3.28	-3.08	-3.08	-3.08	-3.71	-3.20	-3.41	-3.15	-3.53
Gain (dBi)	1.06	1.15	1.21	1.39	1.56	1.93	2.40	2.43	2.42	2.59	2.59	1.07	1.51	1.08	1.65	2.67
Efficiency (%)	46.96	45.93	44.10	43.05	42.05	43.72	47.25	46.99	49.19	49.14	49.19	42.55	47.82	45.52	48.38	44.35

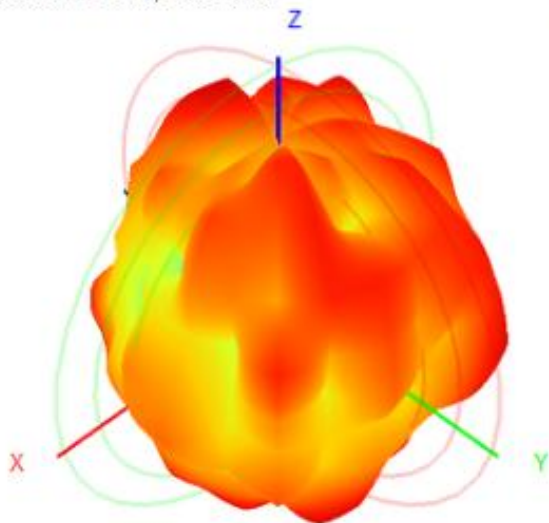
2450.0MHz H+V, Eff: 43.7%



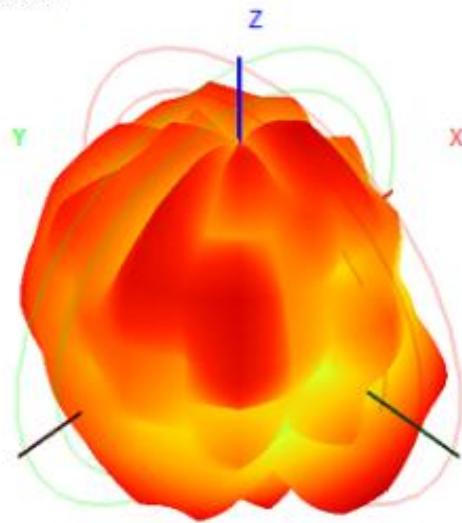
Back View



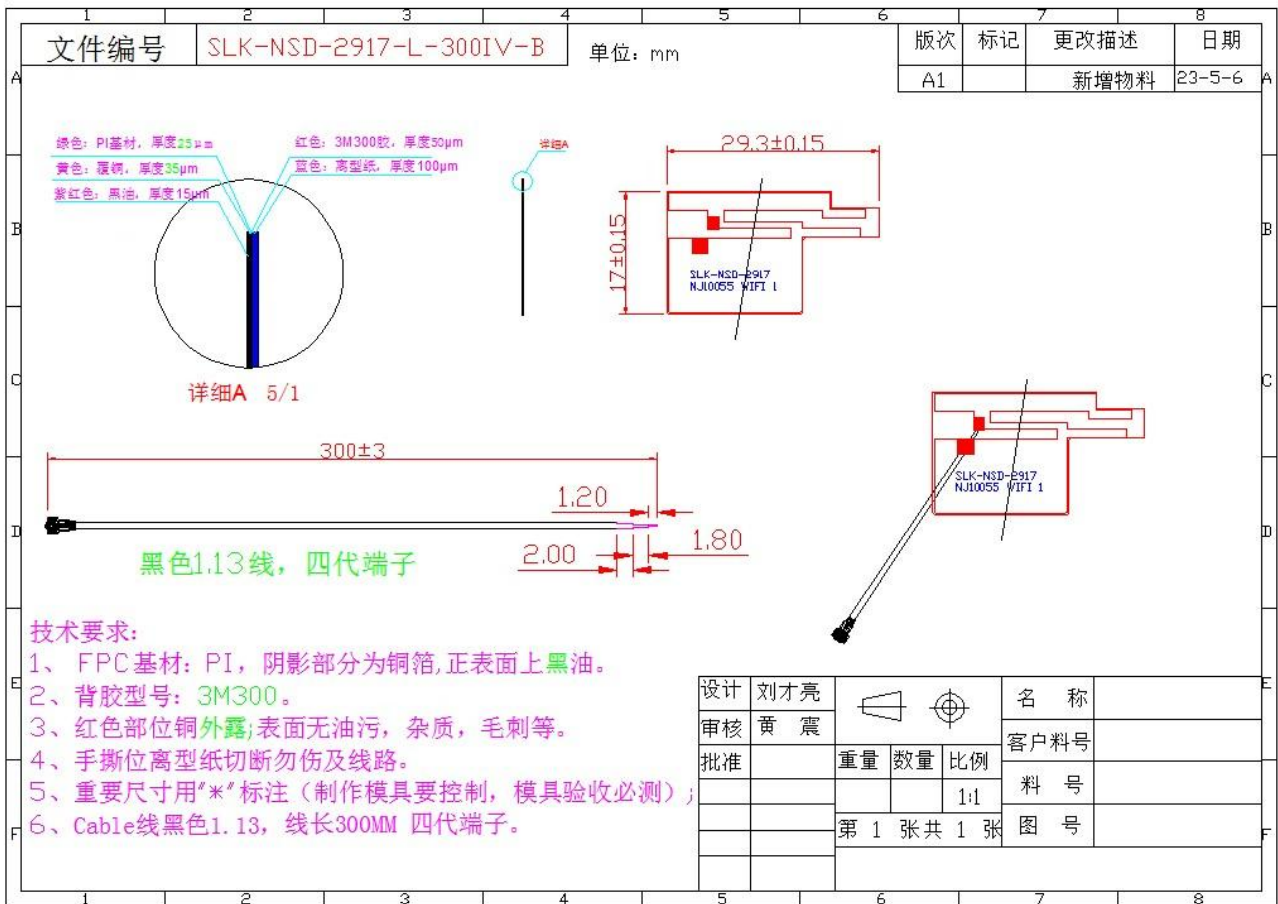
5850.0MHz H+V, Eff: 44.3%



Back View



6. Antenna Dimensions (unit: mm)



绿色: PI基材, 厚度 $25\mu\text{m}$

红色: 3M300胶, 厚度 $50\mu\text{m}$

黄色: 覆铜, 厚度 $35\mu\text{m}$

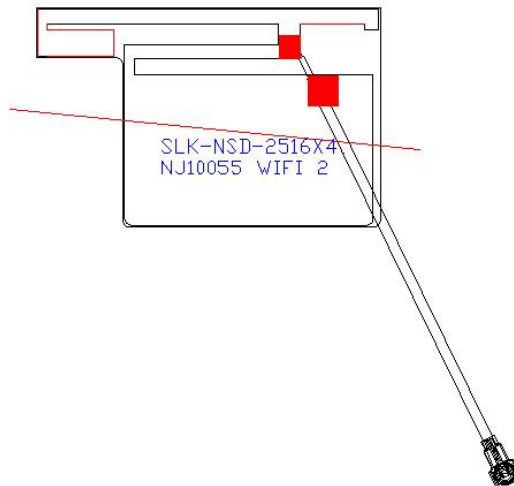
蓝色: 离型纸, 厚度 $100\mu\text{m}$

紫红色: 黑油, 厚度 $15\mu\text{m}$

详细A 5/1

WIFI 2

1. Explanation of Product number :



Product Code:

- (1) Customer: 纳斯达
- (2) Antenna Name: WIFI 天线 (WIFI Antenna)
- (3) Connector: 1.13 灰色线, 总长 475mm, 4代端子

2. Features

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

3. Applications

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

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11b/g/n/a) 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

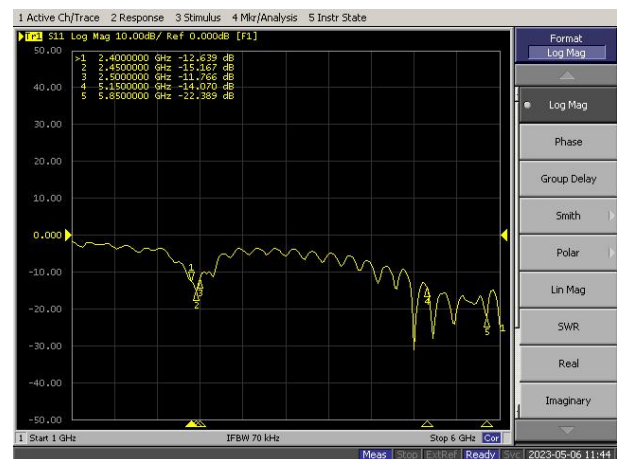
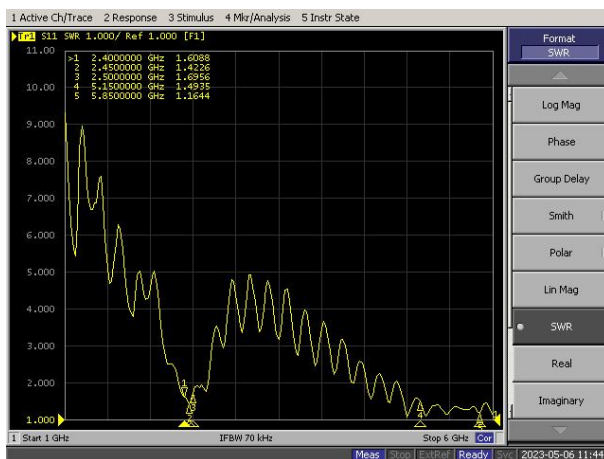
5-1

Characteristics	Specifications	Unit
Outline Dimensions	25.43x16.19x0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

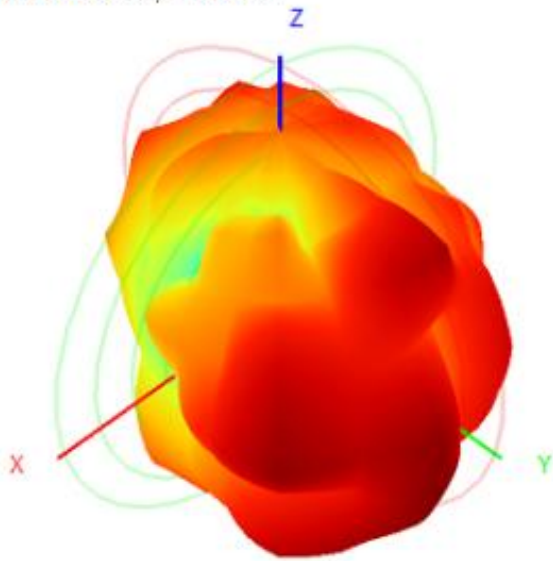
S11



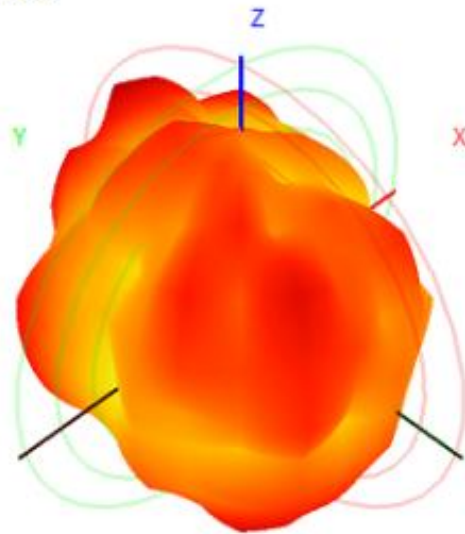
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5350.0	5500.0	5650.0	5850.0
Efficiency (dBi)	-3.80	-3.74	-3.79	-3.62	-3.69	-3.82	-4.02	-3.98	-3.75	-3.74	-3.86	-3.89	-3.49	-3.49	-3.60	-3.85
Gain (dBi)	1.22	1.30	1.39	1.75	1.81	2.26	2.14	2.32	2.38	2.21	2.00	0.29	2.50	2.56	2.85	1.65
Efficiency (%)	41.59	42.25	41.76	43.44	42.68	41.47	39.61	39.94	42.11	42.22	41.08	40.74	44.68	44.74	43.59	41.14

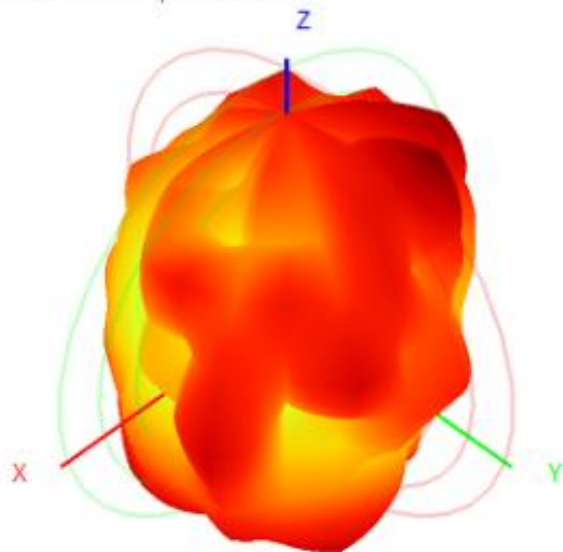
2450.0MHz H+V, Eff: 41.5%



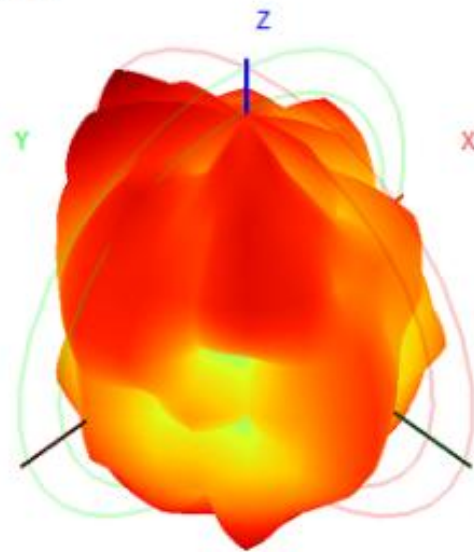
Back View



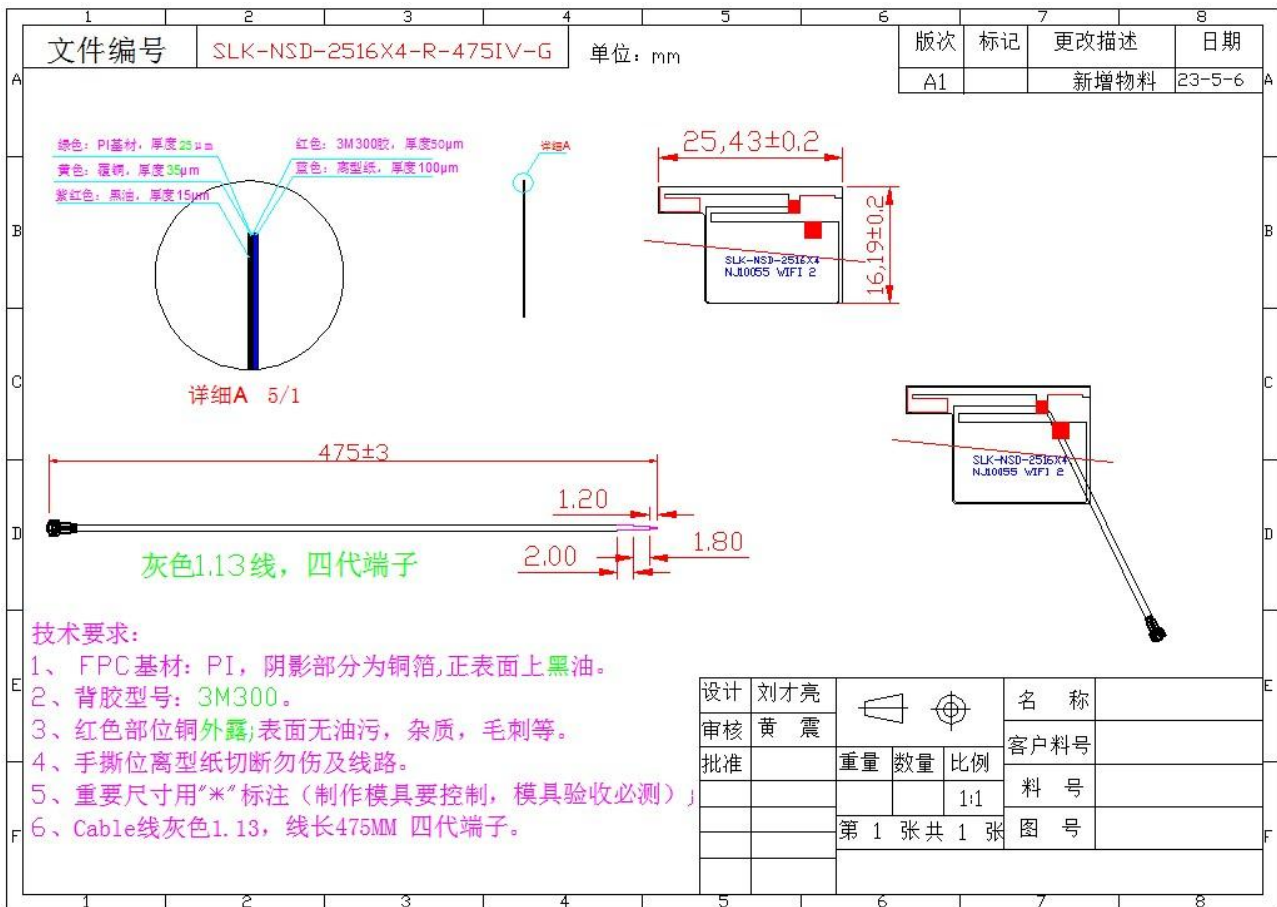
5850.0MHz H+V, Eff: 41.1%



Back View



6. Antenna Dimensions (unit: mm)



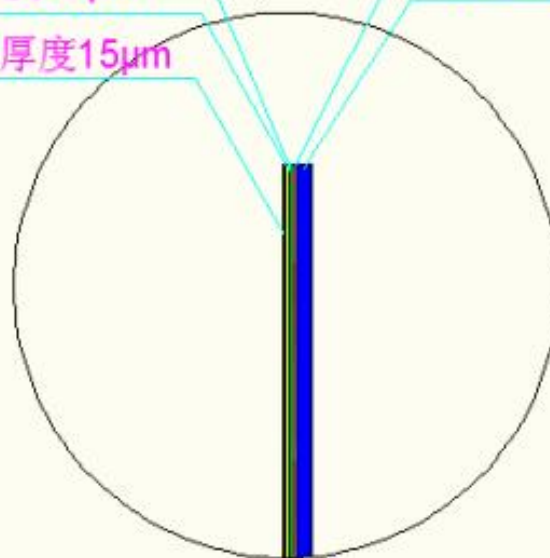
绿色: PI基材, 厚度25 μm

红色: 3M300胶, 厚度50 μm

黄色: 覆铜, 厚度35 μm

蓝色: 离型纸, 厚度100 μm

紫红色: 黑油, 厚度15 μm



详细A 5/1

7. Antenna Picture

