

## DONGGUAN CITY NATIONAL ELECTRONICS TECHNOLOGY CO., LTD

## SPECIFICATION FOR APPROVAL FOR PHONE

CUSTOMER: Shenzhen beiliqi Electronic Technology Co., Ltd

FILE NO: 3-122DX01010AA-053

CUSTOMER PART NO: Ultra thin A11 transmitting coil

DESCRIPTION: A11  $\Phi 20.5 \times \Phi 43.5$   $\Phi 0.08 \times 24P \times 2S$  Self adhesive  
copper wire\*10TS  
 $\Phi 43.5 \times T0.8$  LP:6.3UH Lead length 7MM

PART NO: NSBLQ CBA1118-6.3UH-006

FOR ENGINEER DEPARTMENT APPROVED

REV.	DESCRIPTION	DATE	REVISED PAGE	PREPARED BY
AA	FIRST ISSUE	2022/8/25		
NON RoHS	<input type="checkbox"/>	RoHS	<input checked="" type="checkbox"/>	
DRAWING	CHECKED	APPROVED		
Wang He	Cao Shaoping			

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CUSTOMER, S SIGNATURE

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FULL APPROVED	CONDITIONAL APPROVED	REJECTED
CHECKED	APPROVAL	APPROVED

COMPANY ADD: 4th floor, building B, SHENTE Industrial Zone, No. 38, Ling'an street,  
Lingxia village, Liaobu Town, Dongguan City, Guangdong Province

TEL: 0769-81008683 FAX: 0769-81008683

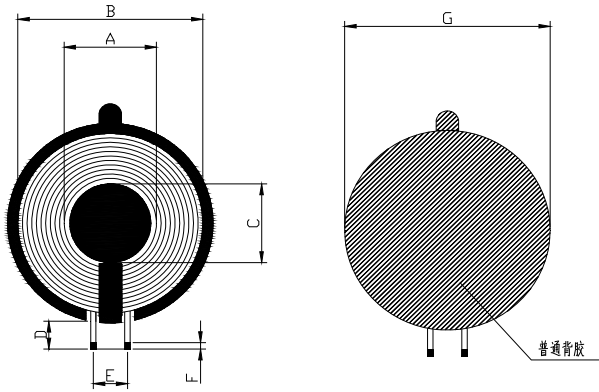
E-Mail: W13712162753@163.com

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# SPECIFICATION FOR APPROVAL

PART NO	Ultra thin A11 transmitting coil	MODEL	A11 $\Phi 20.5 \times \Phi 43.5 \Phi 0.08 \times 24P \times 2S$ Self adhesive copper wire*10TS $\Phi 43.5 \times T0.8$ LP:6.3UH Lead length 7MM	REV	AA
Product Name	Wireless charging and transmitting coil	DRAWING NO	NSBLQ CBA1118-6.3UH-006	DOC TYPE	NS-026

## 1. CONSTRUCTION DIMENSION (UNIT:mm)



A	20.5±0.5
B	MAX43.0
C	18.0±0.5
D	7.0±1.0
E	REF.7.0+/-1.0
F	3.0±1.0
G	43.5±1.0
H	1.60MAX
I	0.8±0.10
J	0.6±0.1
K	0.5±0.05

■REMARK:1.D is the length of the outer lead of the magnetic piece

2.J does not include incoming line;

3.H contains centrifugal paper

We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.

## 2. WINDING CONSTRUCTION:

ORDER 顺序	S----F	WIRE SIZE	TURNS	WDG. TYPE	WDG. DIRECTION	High temperature adhesive tape 5.0mm	NOTES 说明
N1	S--F	$\phi 0.08 \times 24P \times 2S$ Magnet wire	10TS	Closely wound	C. C. W	5MM	onelayer

## 3. ELECTRICAL SPEC

(1). INDUCTANCE TEST: AT 100KHZ , 1.0Vrms (CHEN HWA1062)

Coil: L: (S--F)=4.0uH±10%

Coil+Magnetic disc: L: (S--F)=6.3uH±10%

(2) .Q Value: 45 MIN

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Wang Xiuming	Cao Shaoping	Wang He

# SPECIFICATION FOR APPROVAL

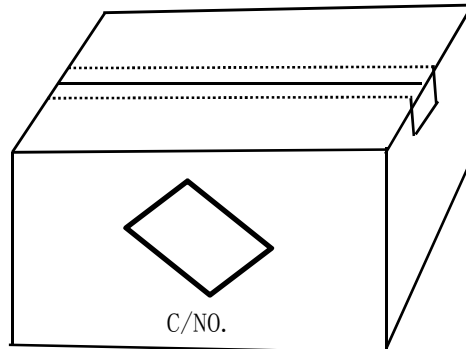
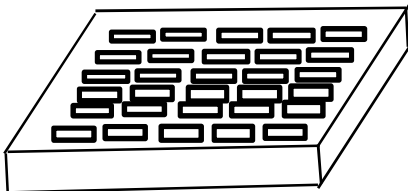
PART NO	Ultra thin A11 transmitting coil	MODEL	A11 Φ20.5*Φ43.5 Φ0.08*24P*2S Self adhesive copper wire*10TS Φ43.5*T0.8 LP:6.3UH Lead length 7MM	REV	AA
Product Name	Wireless charging and transmitting coil	DRAWING NO	NSBLQ CBA1118-6. 3UH-006	DOC TYPE	NS-026

## 4. MATERIAL LIST:

NO.	Material name	Description	Temperature resistance grade	Supplier	Remark
1	Ferrite	T43.5*0.8, With Hole, Double groove belt (L type)	230℃	HUIZHOU HUIBOCHENG MAGNET CO LTD	
2	WIRE	Φ0.08*24P Self adhesive copper wire	180℃	SHENZHEN FUSHIFAYING TECHNOLOGY CO., LTD	
3	Double faced adhesive tape	42*0.08H	150℃	DONGGUAN YANNIU MATERIAL CO., LTD	
4	High temperature adhesive tape	5MM	180℃	DONGGUAN YANNIU MATERIAL CO., LTD	
5	Solder bar	Sn0.7Cu	350℃	HUIZHOU YUEXING METAL MATERIAL CO., LTD	
6	Glue	JS-E103 White glue	180℃	DONGGUAN YIHENG ELECTRONISCS TECHNOLOGY CO., LTD	
7	Scaling powder	LC700	80℃	HUIZHOU YUEXING METAL MATERIAL CO., LTD	

## 5. PACKING Mode:

### 1. PACKING PICTURES:



### 2. PACKING QUANTITYS:

Item	Quantity	Material	Remark
Box	400pcs	270*380*60	
Big Carton	1200pcs	280*395*200	

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Wang Xiuming	Cao Shaoping	Wang He

# DONGGUAN CITY NATIONAL ELECTRONICS TECHNOLOGY CO., LTD

## SPECIFICATION FOR APPROVAL FOR AIRPODS

CUSTOMER: Shenzhen beiliqi Electronic Technology Co., Ltd


FILE NO: 3-122DX01010AA-054

CUSTOMER PART NO: A11 transmitting coil

DESCRIPTION: A11  $\Phi 16 \times \Phi 40$   $\Phi 0.08 \times 105P$  Wire wrapped copper  
wire\*10TS  
 $\Phi 43.5 \times T0.8$  LP:6.3UH Lead length 11MM

PART NO: NSBLQ CBA1116-6.3UH-008

FOR ENGINEER DEPARTMENT APPROVED

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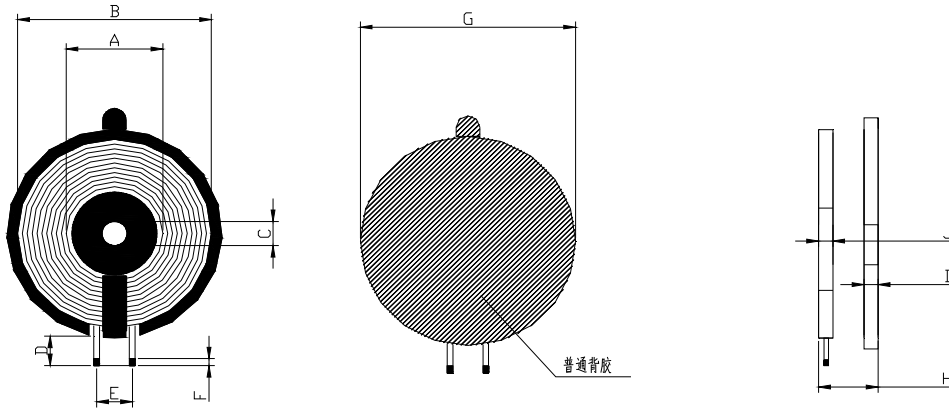
E\_Mail: W13712162753@163.com



# SPECIFICATION FOR APPROVAL

PART NO	A11 transmitting coil	MODEL	A11 $\Phi 16 \times \Phi 40 \Phi 0.08 \times 105P$ Wire wrapped copper wire*10TS $\Phi 43.5 \times T0.8$ LP:6.3UH Lead length 11MM	REV	AA
Product Name	Wireless charging and transmitting coil	DRAWING NO	NSBLQ CBA1116-6.3UH-008	DOC TYPE	NS-026

## 1. CONSTRUCTION DIMENSION (UNIT:mm)



A	16.0±0.5
B	MAX42.0
C	5.3±0.1
D	11.0±1.0
E	REF.7.0+/-1.0
F	3.0±1.0
G	43.5±1.0
H	2.40MAX
I	1.0±0.10
J	1.25±0.1

■REMARK:1.D is the length of the outer lead of the magnetic piece

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3.H contains centrifugal paper

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## 2. WINDING CONSTRUCTION:

ORDER 顺序	S----F	WIRE SIZE	TURNS	WDG. TYPE	WDG. DIRECTION	High temperature adhesive tape 5.0mm	NOTES 说明
N1	S--F	$\Phi 0.08 \times 105P$ Wire wrapped copper wire	10TS	Closely wound	C. C. W	5MM	onelayer

## 3. ELECTRICAL SPEC

(1). INDUCTANCE TEST: AT 100KHZ , 1.0V<sub>rms</sub> (CHEN HWA1062)

Coil: L: (S--F)=4.0uH±10%

Coil+Magnetic disc: L: (S--F)=6.3uH±10%

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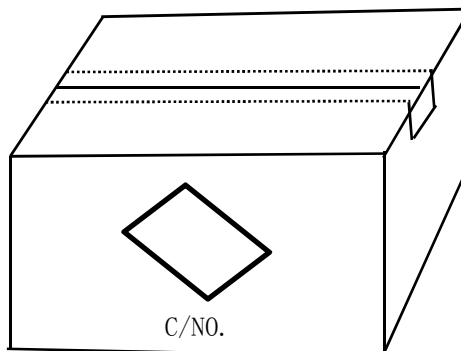
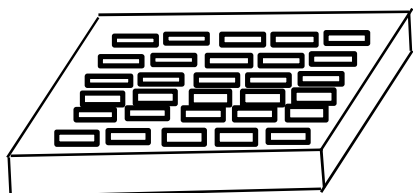
PART NO	A11 transmitting coil	MODEL	A11 Φ16*Φ40 Φ0.08*105P Wire wrapped copper wire*10TS Φ43.5*T0.8 LP:6.3UH Lead length 11MM	REV	AA
Product Name	Wireless charging and transmitting coil	DRAWING NO	NSBLQ CBA1116-6. 3UH-008	DOC TYPE	NS-026

## 4. MATERIAL LIST:

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