

# SPECIFICATION FOR APPROVAL

<b>Approval Status</b>	Trial Production		Large cargo	
<b>Supplier name</b>	Shenzhen Taoruan Electronics Co., LTD			
<b>product model</b>	<b>Watch coils</b>			
<b>code</b>				
<b>Assembly plant code</b>				
<b>name of material</b>	<b>Apple Watch coil</b>			
<b>Specifications description</b>	Diameter 25mm, height 2.5mm, total thickness 3.1mm, inductance value 7.8μH, lead wire length 7mm, wire diameter 0.08×24mm, 13TS, inner diameter 15mm, with back adhesive, magnet size 7.8×3.0, magnetic value 3800-4000, tinned 3mm (COIL) ROHS			
<b>Acknowledged version</b>				
<b>Environmental requirements</b>	<b>ROHS</b>			
<b>Date of delivery</b>	<b>2025/6/5</b>			
<b>Supplier address</b>	Shenzhen Guangming District Ma Tian Street Shijia community Shang Shijia old village factory No.1702			
<b>Supplier tel/fax</b>	<b>13824883512</b>			
<b>Supplier's mailbox/website</b>	<a href="mailto:891950131@QQ.com">891950131@QQ.com</a>			
<b>APPROVED BY</b>				

<b>Supplier sign-off</b>	RD/engineering department	Sales operations	quality	Approved by
<b>Client sign-off</b>	Engineering Acknowledgement	Approved by	quality	purchase

address:

telephone:

website:

## Version Change History

SPECIFICATION

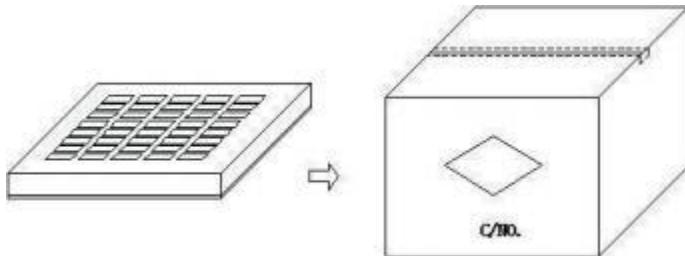
product model: DESC	<b>Apple Watch soft magnetic coil-CLB</b>	Version:A. 0	Customer :	
			Fine P/N:	
			Customer P/N:	
一、 DIMENSION:(mm)			A	25±0.5
			B	3.0±0.2
			C	23.7±0.25
			D	20.5±1
			E	13.8±0.3
			H	7.8±0.3
			I	3±1
			J	7±2
			K	7.5*3.0
二、 SCHEMATIC DIAGRAM:			Note:	
			<p>1. The back of the magnetic sheet is attached with a round 22mm diameter, 9mm hole in the middle and 0.5mm thickness of ordinary EVA foam.</p>	
三、 Winding Specification:				
NO.	TERMINAL	WIRE	Turns	Winding Direction
1	S F	Hot air lines 0.08*24P	13TS	normal
四、 ELECTRICAL CHARACTERISTICS:				
TEMPERATURE:25 ±10°C, RELATIVE HUMIDITY:65 ±20%				
NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY
1	IND.	S-F	3.8uH ±20% Separate coils	100KHz/1V
2	IND.	S-F	7.8uH±5 %	100KHz/1V
3	Q value	S-F	≥30	100KHz/1V
4	DCR	S-F	260MAX	LCZ METER 1062B
PREPARED BY/DATE			CHECKED BY/DATE	
Feng Boqun 2025/06/05			Su Yanping 2025/06/05	

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product model: DESC	<b>Apple Watch soft magnetic coil-CLB</b>	Version : A. 0	Customer:	
			Fine P/N:	
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## 五、Packaging:

## 5.1 Packing pictures:



## 5.2 Packaging quantity and specification:

Item	Quantity	Material specification	
Box	240 Pcs	370*265*55mm	
Big Carton	1680 Pcs	380*270*220mm	

## 5.3

The packaging shall be based on the existing packing plate prevailas the reference standard, and the actual shipping packaging shall be used. If there is any requirement, we can customize it.

## 六、Material list:

number	Material name	Description of product	Manufacturer
1	Wires with lacquered insulation 0.08*24 strands	Hot-wind enameled wire 0.08*24 strands	
2	Lead-free strips	Lead-free strips	
3	magnetic sheet	Φ25*13.8*2.5mm Manganese zinc soft magnetic sheet	
4	Glue	201 Glue	
5	magnet	7.5*3.0mm 3800-4000gauss	
6	EVA	Round diameter 22mm with hole in the middle 9mm thickness 0.5mm	
7			

PREPARED BY/DATE	CHECKED BY/DATE
Feng Boqun 2025/06/05	Su Yanping 2025/06/05