

Product Specification



Specification No.	20240904002
Commencement Date	2024/9/4

Customer Name	Xinyongyuan
Product Type	Apple Watch Hard Magnetic
Dingzhi Material Code	DZ-RC25-K5.4-L6MM
Customer Material Code	TN221-ZBCP-001

[☐ New Releases , ☐ Revision] [This specification consists of 3 pages] [RoHS Compliant Parts]

Authorized Strength	Audits	Authorize
Jianli Zhong	/	Xiangping Ma

Guangdong Dingzhi Electronic Technology Co.

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Phone Number: 13147097490

This acknowledgement is received by the customer within 30 days, please be sure to sign and return, after which it is considered to be the production of this acknowledgement in accordance with the standard implementation.

【Client Approval】

Date:

Acknowledgement status: ☐ Full recognition ☐ Conditional recognition ☐ Denial of recognition

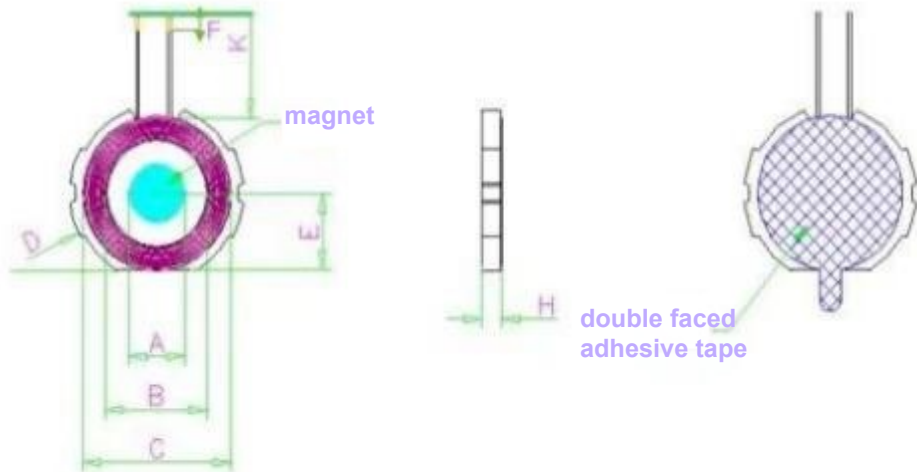
Authorize	Audits	Reexamination	Check

Clarification:

Product Specification

Customer Name		Xinyongyuan	Customer Material Code	TN221-ZBCP-001
Dingzhi Material Code		DZ-RC25-K5.4-L6MM	Specification No.	20240904002
Release/Revision Records				
Versions	Commencement Date	Changes/Reasons		Authorize
01	2024/9/4	New specification release		Xiangping Ma

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Customer Name	Xinyongyuan	Customer Material Code	TN221-ZBCP-001		
Dingzhi Material Code	DZ-RC25-K5.4-L6MM	Specification No.	20240904002	Version	01
◆、Overall dimensions 			(Unit: mm)		
			A	7.6 ±1.0	
			B	14.5 ±1.0	
			C	20.0 ±1.0	
			D	25.0 ±1.0	
			E	10.0 ±1.0	
			F	2.0 ±1.0	
			K	6.0 ±1.5	
			H	2.60 ±0.3(with film thickness)	
			Note		
			(1)Wire diameter: 0.08*24P stranded wire,single wire double layer winding method		
			(2)11 turns of the coil		
(3)Adhesive backing on the bottom					
(4)Whether the start and finish wire cross: Yes					
(5)Powerful magnet N52-7.5*2.2 placed in the middle of the coil,- 3200-3300GS					
◆、Electrical Characteristics:					
Parametric	Specification		Test Condition	Testing Instrument	
L(W1)	5.4-5.6	μH	100KHz/1V	■TH2816B	
DCR(W1)	<200	mΩ	@ 25℃	■CH-502BC	
Q	>20	min	100KHz/1V	■TH1816B	
◆、Temperature Level:					
Operating temperatures	-40℃~ 125℃				
◆、Bill of Materials:					
No.	Product name	Material specifications	Suppliers	Note	
1	magnetic disk	25*2.5Hard magnetic			
2	Stranded wire	0.08*24P		Stranded wire	
3	Glue	Double-sided adhesive		Eco-friendly adhesive paper	
4	N52 Powerful magnet	7.5*2.2		Magnet	
5	Tin	107H		Qiandao Eco-friendly tin	
6	Glue	Yellow Glue		Eco-friendly glue	