

承 認 書

SPECIFICATION FOR APPROVAL

客 戶: CUSTOMER:	深圳市金天下科技有限公司 Shenzhen Jintiandi Technology Co., Ltd.
客 戶 料 號: CUST P/N:	0.08*24*2P*9TS, 0.08*24P*10TS
松 島 料 號: FINE P/N:	Gardens, etc. Like that
產 品 型 號: DESC:	Φ 43.5*5.0X0.5MM+P14*8*0.8MM
日 期: DATE:	2024/10/23
版 本: Version:	A.0

擬制 PREPARED BY	審核 CHECKED BY	批准 APPROVED BY	客戶承認 CUSTOMER APPROVE
黃燕銘	寧元安	黃錦華	

深圳市松島科技有限公司

Shenzhen Songdao Technology Co., Ltd.

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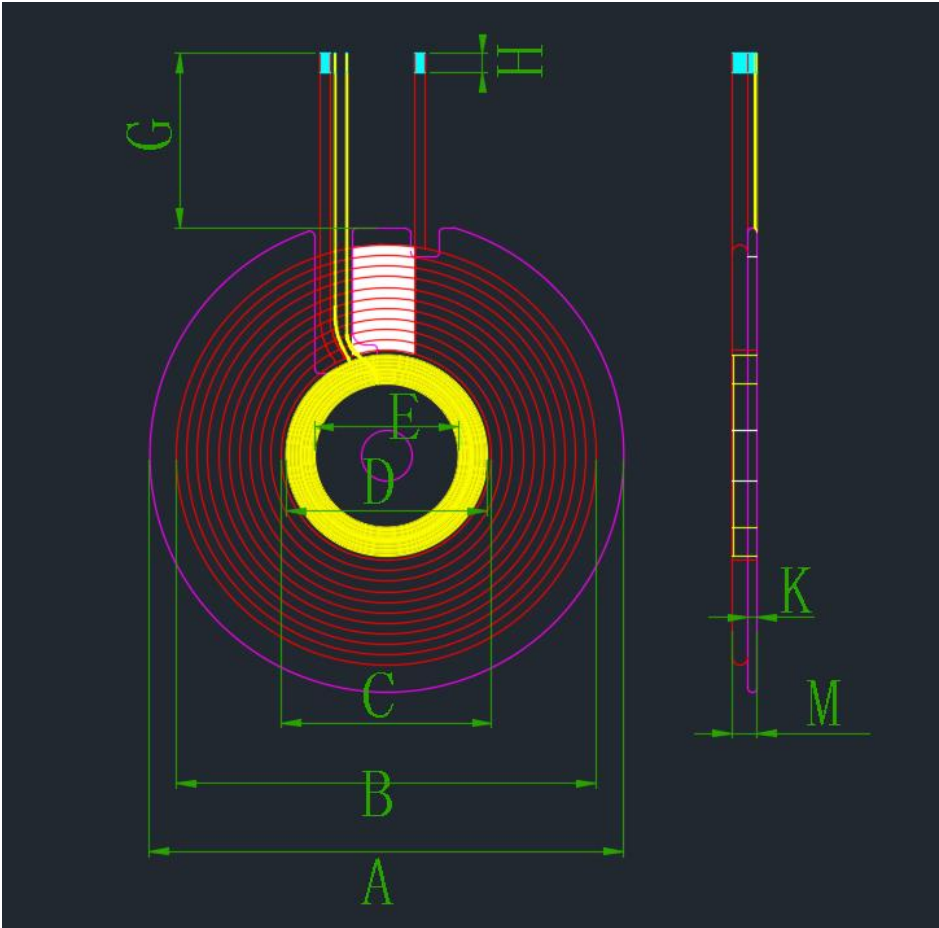
Version Change History

[illegible]

SPECIFICATION

產品型號: DESC	Φ14.5*20.5-0.08*24*10TS, 22*38.5MM, 0.08*24*2P*9TS-60MM	版本 Rev: A.0	客戶 CUST:	XXX
			客戶料号 CUST P/N:	

一、尺寸 DIMENSION:(mm)

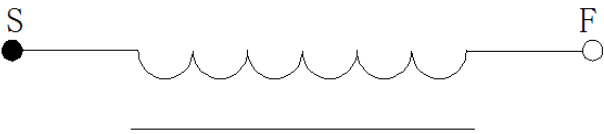


A	43.5±0.5
B	38.5±0.5
C	22±0.5
D	20±0.5
E	14.5±0.5
K	0.5±0.2
M	1.8±0.2
H	3±2
G	60±2

- Notes:
- 1.Cross wire outlet;
 - 2.Wrap high-temperature adhesive tape with a reference width of 9 mm around the wire outlet for 1 to 2 turns;
 - 3.The coil is attached with slotted round hard magnetic sheets. Magnetic sheet dimensions: 43.5±0.5 mm, inner hole 8 mm, thickness 0.8±0.2 mm. Embedded with N52 magnets of 7.5×1.8 mm
 - 4.A hard magnetic sheet of 14×8×0.8±0.2 mm is embedded in the middle

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

二、原理图 SCHEMATIC DIAGRAM:



三、绕线参数 Winding Specification:

序号 NO.	端子 TERMINAL		线径 WIRE	圈数 Turns	绕线方向 Winding Direction
1	S	F	Self-bonding enameled wire 0.08*24*2P	9Ts	Single-layer winding CCW
2	S	F	Self-bonding enameled wire 0.08*24*1P	10TS	Multi-layer winding CCW

四、电气特性 ELECTRICAL CHARACTERISTICS:

温度 TEMPERATURE:20±40 ℃, 湿度 RELATIVE HUMIDITY:65±20%

序号 NO.	项目 ITEM	端子 TERMINAL	标准 SPECIFICATION	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS
1	IND.	S-F Watch coil	6.3uH ±10% With magnetic sheet	100KHz/0.25V	LCZ METER 1062B
2	Q factor	S-F Watch coil	≥29	100KHz/0.25V	LCZ METER 1062B
3	DCR	S-F Watch coil	≤115mΩ	100KHz/0.25V	LCZ METER 1062B
4	IND.	S-F Phone coil	6.3uH ±10% magnetic sheet pasted coil	100KHz/0.25V	LCZ METER 1062B
5	Q factor	S-F outer coil	≥35	100KHz/0.25V	LCZ METER 1062B
6	DCR	S-F outer coil	≤81mΩ	100KHz/0.25V	LCZ METER 502B

五、适应温度

工作温度 Operating Temperature	-20℃ — +105℃
储存温度 Storage Temperature	-20℃ — +70℃
拟制/日期 PREPARED BY/DATE	审核/日期 CHECKED BY/DATE
黄燕铭 2024/10/23	黄锦华 2024/10/23