

Product Specification Book



specification number	20250602001
effective date	2025/6/2

customer name	Shenzhen Jiayucang Technology Co., Ltd.
product type	Bare copper coil
Bojun Model Number	TD-BJ20241118001 - 42.5 with two slots, L = 8MM
Customer Material Number	

staffing	audit	approve
Xiao Shufang	Peng Yong	Zhu Hui

Anfu County Bojun Electronics Co., Ltd.
Jiangxi Province, Ji'an City, Anfu County, Zhuhu Town, Jingfang
Internal (Former Jingfang Retention Office Factory)

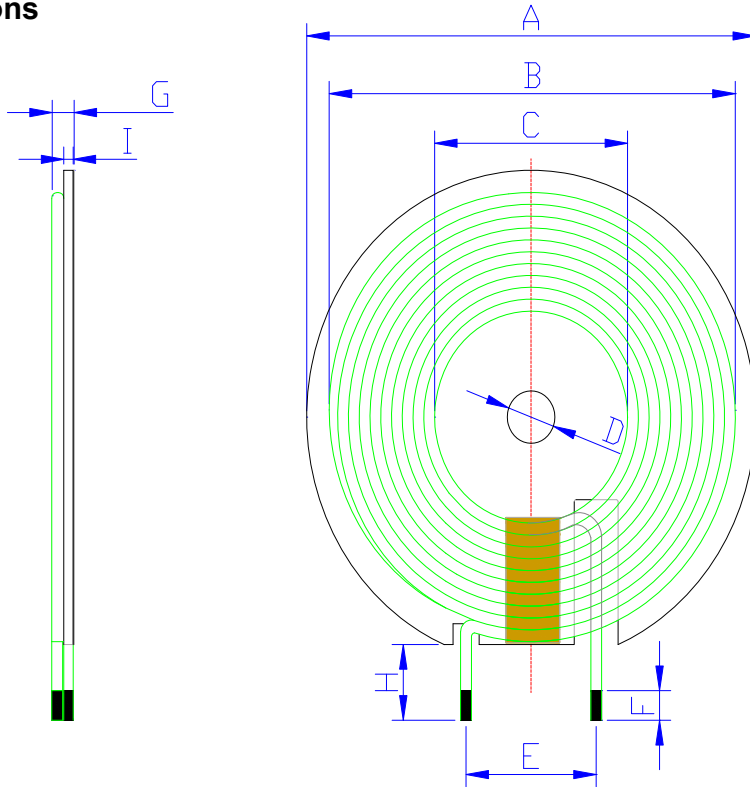
ratify	audit	recheck	examine

explain:

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◆、Dimensions



(Unit: mm)

A	42.5 max
B	40.0 ±0.5
C	20.5 ±0.5
D	5.3
E	10.0 ref
F	3 ±1
G	2.5Max
H	8.0 ±2
I	0.8±0.1(Disk thickness)

- (1)wire diameter: 0.08*80P
- (2)Number of turns in the coil:11TS
- (3)Does the tail line cross over: Yes
- (4)4MM coil high-temperature adhesive tape
- (5)The coil and the magnetic sheet need to be adhered in the center.
- (6)Stick 41.5 white adhesive on the back of the magnetic sheet and do not stick it near the ears.
- (7)Add a 0.9-sized small magnet in the middle.

◆、electrical specification:

parameter	specification	test condition	test instrument
L0	8.1 ±10% μH	100KHz/1V	■TH1816B
Q	>60 min	100KHz/1V	■TH1816B
DCR	<50 mΩ	@ 25℃	■CH-502BC

◆、temperature grade:

operating temperature	-40℃~ 125℃
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◆、bill of materials:

No.	Name	Specification	Supplier	Note			
1	magnetic sheet	42.5 * 5.3 * 0.8T - Double-slot design	PC95 Manganese Zinc				
2	copper wire	0.08*80P	bare copper wire				
3	high-temperature tape	4MM	Environmental protection tape				
4	Tin	107H	Landao Environmental Protection Tin				
5	Glue	Yellow glue	eco-friendly adhesive				
6	Glue						

(staffing)	audit	approve
Xiao shufang	Peng yong	Zhu hui