

# Product Specification Book



specification number	20220805001
effective date	2022/8/5

customer name	Dongguan Jiajiantong Plastic Mold Co., Ltd.
product type	Bare copper coil
Hui Bo Ya Material Number	TD-HBY20220805001 - 43.5 with two slots, L = 45MM
Customer Material Number	

staffing	audit	ratify

Anfu County Huiboya Electronics Co., Ltd.

Factory Address: Huibobo Ya Electronics Co., Ltd., beside Xuefu Spring, Anfu County, Jiangxi Province  
TEL: 13576651594

This acknowledgement form must be signed and returned by the customer within 30 days of receipt. Failure to do so will be regarded as following the terms of this acknowledgement form when the production is carried out.

## 【Customer approval】

Date:

Acknowledgment status: ☐ make a clean breast of ☐ Conditional approval ☐ disallow

ratify	audit	recheck	examine

explain:

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### ◆、Dimensions

(Unit: mm)	
<b>A</b>	<b>43.5 ±1</b>
<b>B</b>	<b>40.0 ±1.5</b>
<b>C</b>	<b>20.5 ±0.5</b>
<b>D</b>	<b>5.7</b>
<b>E</b>	<b>18.0 ref</b>
<b>F</b>	<b>3 ±1</b>
<b>G</b>	<b>1.7 Max</b>
<b>H</b>	<b>45.0 ±2</b>
<b>I</b>	<b>0.65 ±0.1(Disk thickness)</b>
(1)Wire diameter: 0.08 * 24P bare copper wire	
(2)Number of turns in the coil: 10TS	
(3)Does the tail line cross over: Yes	
(4)Coil package with 8mm wide high-temperature adhesive tape	
(5)The coil and the magnetic sheet need to be adhered in the center.	

◆、electrical specification:

parameter	specification	test condition	test instrument
L0	6.8 ±10%      μH	100KHz/1V	■TH1816B
Q	>60              min	100KHz/1V	■TH1816B
DCR	<50              mΩ	@ 25℃	■CH-502BC

◆、 temperature grade:

operating temperature	-40°C ~ 125°C

**bill of materials:**

NO.	Trade name	material specification	supplier	Note				
1	magnetic sheet	43.5 * 5.3 * 0.65T - Double-slot version	PC95 Manganese Zinc					
2	copper wire	0.08 * 24P bare copper wire	bare copper wire					
3	high-temperature tape	8MM	Environmental protection tape					
4	tin	107H	Qiandao Environmental Protection Tin					
5	glue	Yellow glue	environmentally-friendly adhesive					
6	glue							

<b>staffing</b>	<b>audit</b>	<b>ratify</b>