

Product Specification Book



specification number	20220829004
effective date	2022/8/29

customer name	Dongguan Jiajiantong Plastic Mold Co., Ltd.
product type	All coil
Hui Bo Ya Material Number	TX-HBY20220829004-45 with two slots, 12TS, L = 35mm
Customer Material Number	

staffing	audit	ratify

Anfu County Huiboya Electronics Co., Ltd.

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:

◆、Dimensions

(Unit: mm)	
A	43.4 ±0.3
B	40.0 ±0.5
C	13.5 ±0.5
D	5.3Ref ±0.5
E	10.0 Ref
F	3.0 ±1.0
G	2.2 ±0.5
H	35.0 ±1.0
I	0.8±0.1(Disk thickness)

- Wire diameter: 0.08 * 105P insulated wire
- Number of turns: 12TS
- Does the tail line cross over: Yes
- Coil package with 8mm wide high-temperature adhesive tape
- The coil and the magnetic sheet need to be adhered in the center.
- Magnetic disk back with 43 double slots and round double-sided adhesive

◆、electrical specification:							
parameter	specification		test condition	test instrument			
L0	6.6 ±5%	μH	100KHz/1V	■TH1816B			
Q	>60	min	100KHz/1V	■TH1816B			
DCR	<50	mΩ	@ 25℃	■CH-502BC			

◆、temperature grade:	
operating temperature	-40℃ ~ 125℃

bill of materials:								
No.	Trade name	material specification	supplier	Note				
1	magnetic sheet	43.5 * 0.8 * 12T - Double-slot design	PC95 Manganese Zinc					
2	copper wire	0.08*105P	Copper wire wrapped around the 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	43 double-slot round double-sided adhesive tape		environmental protection				

staffing	audit	ratify