

Product specification document



Specificati on number	20231024001
effective date	2023/10/24

customer name	
product type	Naked copper coil
Hui Bo Ya material number	TD-HBY20231024001-40 single-slot L=20MM
Customer Material Number	

【 ☒ New specification issue , ☐ Version revision】 【 This specification contains 3
pages of contents 】 【 RoHS Compliant Parts 】

aurhorized personnel	examine and verify	approver
Xiao Shufang	Peng Yong	Zhu Hui

Anfu County HuiBoya Electronics Co., LTD

This acknowledgement must be signed and returned within 30 days after the customer receives it, and overdue production shall be regarded as following the standards of this acknowledgement.

【Customer approval】

date:

Recognition state:

☐Full recognition

☐conditional recognition

☐refusal of recognition

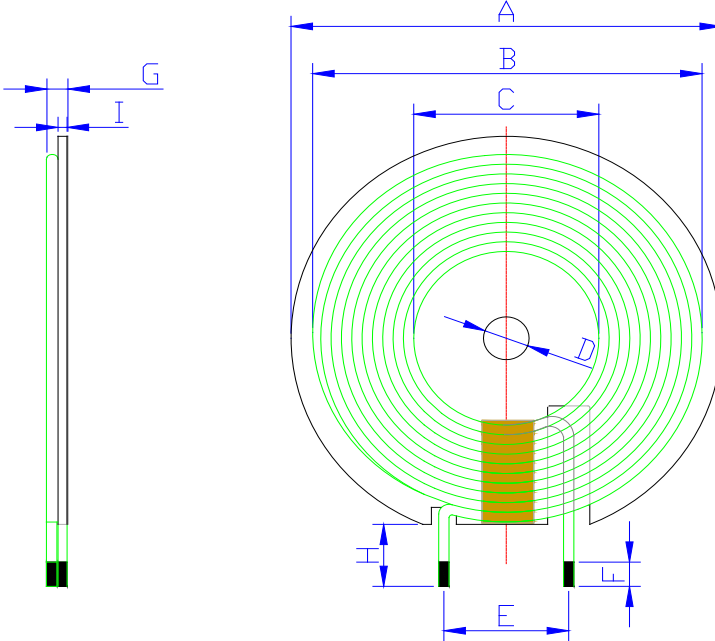
approver	examine and verify	recheck	check

说明:

Product specification document

customer name		Customer Material Number		
Hui Bo Ya material number	TD-HBY20231024001-40 single-slot L=20MM	specification number	20231024001	
发行/修订记录				
versions	effective date	Content/Reason for change	authorizer	
01	2023/10/24	New specification issue		
aurhorized personnel		examine and verify		approver
Xiao Shufang		Peng Yong		Zhu Hui

Product specification document

customer name		Customer Material Number				
Hui Bo Ya material number	TD-HBY20231024001-40 single-slot L=20MM		specification number	20231024001	versions	001
◆、outline dimension 				(Unit : mm)		
				A	40.0 ±1	
				B	38.0 ±1.5	
				C	20.5 ±0.5	
				D	5.3	
				E	15.0 ref	
				F	3 ±1	
				G	1.8 Max	
				H	20.0 ±2	
				I	0.80 ±0.1(Thickness of magnetic sheet)	
				(1)Wire diameter: 0.08*24P bare copper wire		
				(2)Number of windings: 10TS		
				(3)Whether the starting and ending lines cross: Yes.		
				(4)Coil 6MM high temperature adhesive tape		
				(5)Coil and magnetic sheet should be stuck in the center.		
				(6)White adhesive is attached to the back of the magnetic disk.		
◆、electrical specification:						
parameter	specifications		test condition	Testing instrument		
L0	6.5 ±5%	μH	100KHz/1V	■TH1816B		
Q	>40		100KHz/1V	■TH1816B		
DCR	<50	mΩ	@ 25℃	■CH-502BC		
◆、Temperature grade:						
operating temperature	-40℃~ 125℃					
◆、bill of materials:						
serial number	name of an article	material specifications	supplier	remarks		
1	magnetic sheet	40*5.3*0.8T Billing slot		PC95 fierce zinc		
2	copper wire	0.08*24P bare copper wire		bare copper wire		
3	high-temperature tape	6MM		Eco-friendly adhesive tape		
4	tin	107H		Qiandao environmental protection tin		
5	glue	Yellow gum		eco-friendly adhesive		
aurhorized personnel		examine and verify			approver	
Xiao Shufang		Peng Yong			Zhu Hui	