

Product Specification Book



Specification Number	20250901001
Effective Date	2025/9/1

Customer Name	Shenzhen Xinlang Technology Co., Ltd.
Product type	Bare copper coil
Bojun Part Number	TD-BJ20241118001-42.5L=10MM
Customer part number	DXQ22. 0213

【 ☒ New edition release , ☐ Version revision 】 【 本规范含目录共 3页 】 【 RoHS Compliant Parts 】

Compile	Review	Approval
Xiao Shufang	Peng Yong	Zhu Hui

Anfu County Bojun Electronics Co., Ltd.

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: ☐ Fully acknowledge ☐ Conditional approval ☐ Refuse to admit

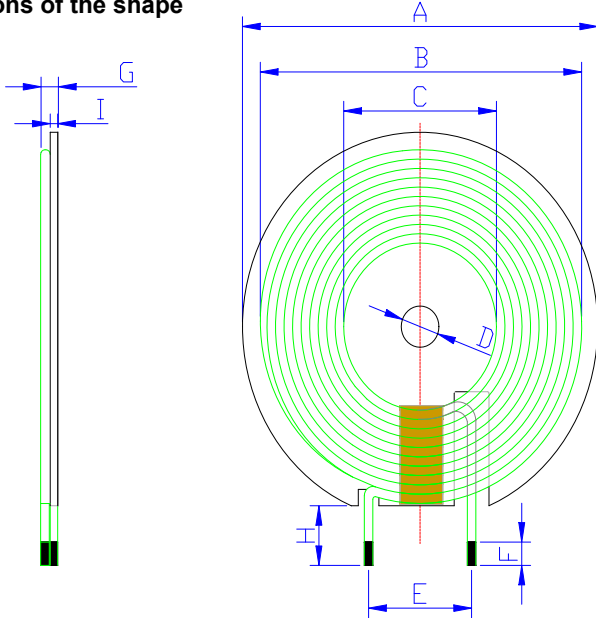
Approval	Review	Re-examination	Check

Explanation:

Product Specification Book

[illegible]

Product Specification Book

Customer Name	Shenzhen Xinlang Technology Co., Ltd.		Customer part number	DXQ22.0213		
Bojun Part Number	TD-BJ20241118001-42. 5L=10MM		Specification Number	20250901001	Version	001
◆、Dimensions of the shape 				(Organization: mm)		
				A	42.5 max	
				B	38.5 ±0.5	
				C	21.0 ±0.5	
				D	5.3	
				E	10.0 ref	
				F	3 ±1	
				G	2.4Max	
				H	10.0 ±2	
				I	0.80 ±0.1(Thickness of the magnetic disk)	
				J		
				(1)Wire diameter:0.08*80P		
				(2)Number of turns in the coil:11TS		
				(3)Do the end lines intersect:yes		
				(4)4MM Coiled High-Temperature Adhesive Tape		
(5)The coil and the magnetic sheet need to be adhered in the center.						
(6)Stick 415 white adhesive on the back of the magnetic sheet and do not stick it near the ears.						
(7) To pass the test, you need one 15mm and one 8mm casing.						
◆、Electrical characteristics:				(7) Add a 0.8-sized small magnet in the middle.		
Parameters	Specification		Test conditions	Testing 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℃					
◆、Material List:						
Serial Number	Product Name	Material specifications	Supplier	Note		
1	Magnetic sheet	42. 5*5. 3*0. 8T	PC95Manganese zinc			
2	Copper wire	0. 08*80P	Copper wire without insulation			
3	Copper wire	4MM	Environmental protection tape			
4	Tin	107H	Jiandao Environmental Protection Tin			
5	Gel	Yellow glue	Environmental-friendly glue			
6	Gel					
Compile		Review			Approval	
Xiao Shufang		Peng Yong			Zhu Hui	