

Product Specification



Specification No.	20240412002
Effective Date	2025/5/13

Customer Name	Shenzhen Xinlang Electronics Co., Ltd.
Product Type	A11 Coil
Huiboya P/N	TX-HBY20240412002-43.5 Double-Groove 10TS L=15MM
Customer P/N	DXQ022. 0224

[☒ New Release , ☐ Revision] [This specification contains a total of 3 pages including cover] [RoHS Compliant Parts]

Prepared By	Reviewed By	Approved By
Xiao Shufang	Peng Yong	Zhu Hui

Anfu County Huiboya Electronics Co., Ltd.

Please sign and return this approval document within 30 days of receipt. Failure to do so will be deemed as acceptance, and production will proceed according to the standards in this document.

[Customer Approval]

Date:

☐ Full Approval ☐ Conditional Approval ☐ Rejection

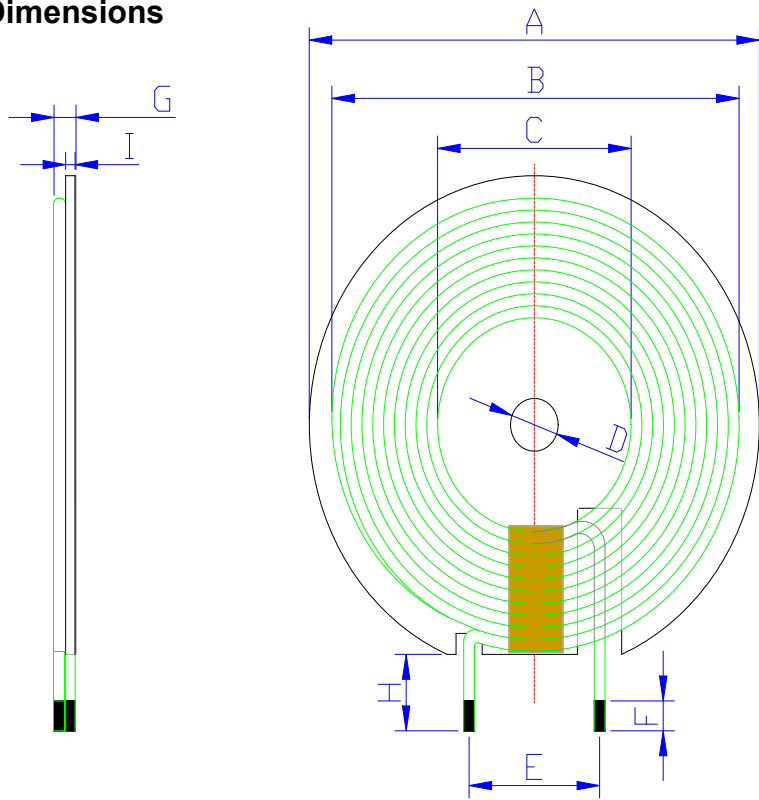
Approval	Review	Re-inspection	Inspection

Note:

Product Specification

Customer Name	Shenzhen Xinlang Electronics Co., Ltd.	Customer P/N	DXQ022.0224
Huiboya P/N	BY20240412002-43.5 Double-Groove 10TS L=5mm	Specification No.	20240412002
Release/Revision History			
Version	Effective Date	Change Content/Reason	Approval
01	2025/5/13	New Specification Release	
Prepared By		Reviewed By	Approved By
Xiao Shufang		Peng Yong	Zhu Hui

Product Specification

Customer Name	enzhen Xinlang Electronics Co., Lt		Customer P/N	DXQ022.0224		
Huiboya P/N	BY20240412002-43.5 Double-Groove 10TS L=1		Specification No	20240412002	Version	002
◆、Outline Dimensions 				(Unit: mm)		
				A	43.5 ±0.5	
				B	42.0 ±0.5	
				C	20.5 ±0.5	
				D	5.3Ref ±0.5	
				E	10.0 Ref	
				F	3.0 ±1.0	
				G	2.5 ±0.5	
				H	15.0 ±1.0	
				I	0.8±0.1(Ferrite Plate Thickness)	
				(1)Wire Diameter: 0.08*105P Litz Wi		
				(2) Winding Turns: 10TS		
(3)Are Start/Finish Wires Crossed?:						
(4)Coil wrapped with 8mm wide high-						
(5)Coil and ferrite plate must be c						
(6)Apply 43 double-groove round dou						
◆、Electrical Characteristics:						
Parameter	Specification		Test Condition	Instrument		
L0	6.3 ±0.3	μH	100KHz/1V	■TH1816B		
Q	>60	min	100KHz/1V	■TH1816B		
DCR	<50	mΩ	@ 25℃	■CH-502BC		
◆、Temperature Rating:						
Operating Temperature	-40℃~ 125℃					
Bill of Materials (BOM):						
No.	Item Name	Material Specification	Supplier	Remark		
1	Ferrite Pl	5*0.8*10T Double-Gro	PC95 Mn-Zn			
2	Copper Wir	0.08*105P	Acetone-Soluble Litz Wire			
3	h-Temp T	8MM	Eco-friendly Tape			
4	Solder	107H	Qiandao Eco-friendly Solder			
5	Adhesive	Yellow Glue	Eco-friendly Adhesive			
6	Adhesive (Tape) 43 Double-Groove Round Dou					Eco-friendly
Prepared By		Reviewed By		Approved By		
Xiao Shufang		Peng Yong		Zhu Hui		

