

Product Specification



Spec No.	20260418001
Effective Date	2026/4/18

Customer Name	Shenzhen Xinlang Electronics Co., Ltd.
Product Type	MPP
Huiboya Part No.	TX-HBY20230808002-42.5 Open Dual-Slot 11TS L=12MM
Customer Part No.	

[☒ New Release , ☐ Revision] [Total Pages: 3] [RoHS Compliant Parts]

Prepared By	Reviewed By	Approved By
shufang Xiao	Pengyong	Zhuhui

Anfu County Huiboya Electronics Co., Ltd.

address: Old Cinema Factory Building in Jintian Township, Anfu
County, Ji'an City, Jiangxi Province

Note: This approval sheet must be signed and returned within 30 days of receipt.
Failure to do so will imply acceptance of the specifications for production.

[Customer Approval]

Date:

Approval Status: ☐ Fully Approved ☐ Conditionally Approved ☐ Rejected

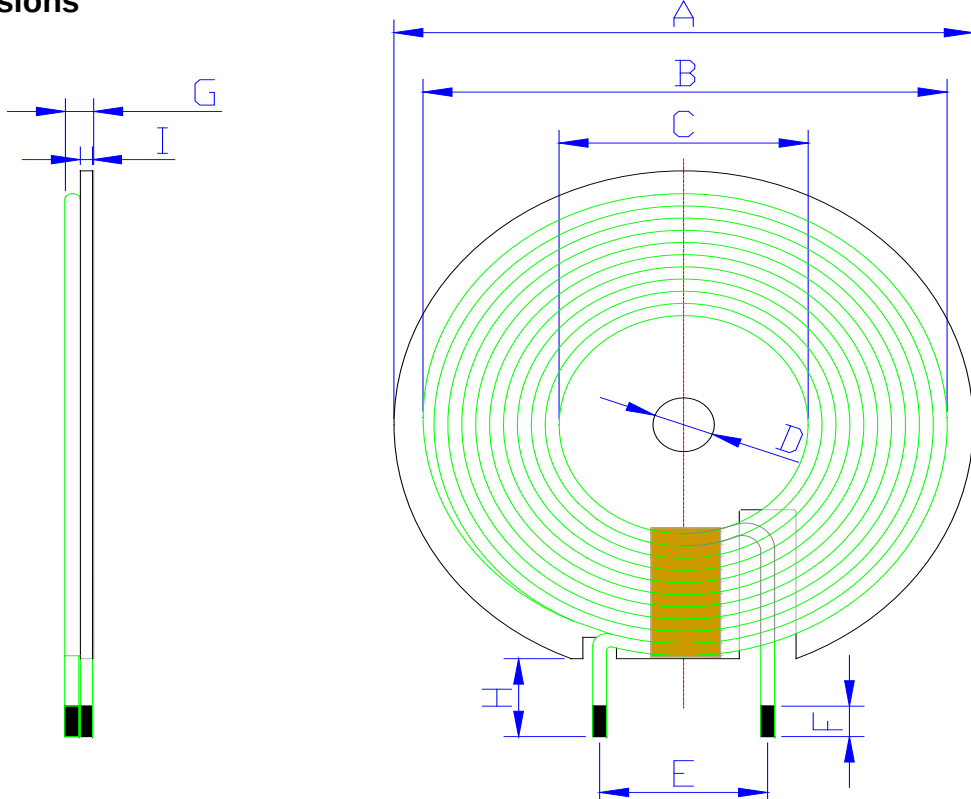
Approval	Review	Re-inspection	Inspection

Notes:

Product Specification

Customer Name		Shenzhen Xinlang Electronics Co., Ltd.		Customer Part No.			
Huiboya Part No.		X-HBY20230601014-42.5 Open Dual-Slot 11TS L=12MM		Spec No.		20260418001	
Release/Revision Record							
Version	Effective Date	Change Description/Reason				Approval	
01	2026/4/18	New Specification Release					
Prepared By		Reviewed By			Approved By		
shufang Xiao		Pengyong			Zhuhui		

PRODUCT SPECIFICATION

Customer Name	Shenzhen Xinlang Electronics Co., Ltd.		Customer Part No.				
Product Part	TX-HBY20230808002-42.5 Open Dual-Slot 11TS L=12MM		Specification No.		20260418001	Version	02
Dimensions 					(Unit: mm)		
					A	42.5 ±0.5	
					B	39.5 ±0.5	
					C	21.0 ±0.5	
					D	5.3Ref ±0.5	
					E	6.0 Ref	
					F	3.0 ±1.0	
					G	2.2 MAX	
					H	12.0 ±1.0	
					I	0.8 ±0.1(Ferrite Thickness)	
					(2)Turns: 11Turns (11T)		
					(3)Lead/Tail Wire: Crossed Configuration		
					-4 heat shrink tubing		
					(5)20*0.8 magnetic sheets inserted in the middle		
◆ Electrical Characteristics:							
Parameter	Spec		Test Condition				
L0	8.1 ±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):							
Item	Component	Specification					
1	Ferrite Sheet	42.5*0.5*5.3	PC95 Mn-Zn				
2	Enameled Copper Wire	0.08*80P	Hot aie Wire				
3	High-Temp Tape	4MM	Eco-Friendly Tape				
4	Solder Wire	107H	Qiandao Eco-Friendly Solder				
5	Adhesive	Yellow Glue	Eco-Friendly Adhesive				
6	Eco-Friendly						
Prepared By		Reviewed By			Supplier Note		
Wufang xiao		Pengyong			Zhuhui		