

Product Specifications



Specification Number	202507030001
Effective Date	2025/7/30

Customer Name	Changzhuo
Product Type	Wireless Charging Coil
Dingzhi Part Number	TX-DZ43.505.3006-K6.5-L45 Dual Slot
Customer Part Number	NS-1009 New

【 ☒ New Release, ☐ Version Revision 】 【 This specification includes a table of contents and has 3 pages 】 【 RoHS Compliant Parts 】

Compilation	Review	Approval
Li Pinghui	/	Ma Xiangping

Guangdong Dingzhi Electronics Technology Co., Ltd.

Factory Address: 1st Floor, No. 1231 Yingbin Avenue,
Longmen County, Huizhou City, Guangdong Province
Tel: 13147097490

This approval letter must be signed and returned by the customer within 30 days of receipt. Otherwise, it will be considered that the production will be carried out in accordance with the standards of this approval letter.

【Customer Approval】

Date:

Approval Status: ☐ Full Approval ☐ Conditional Approval ☐ Rejection Approval

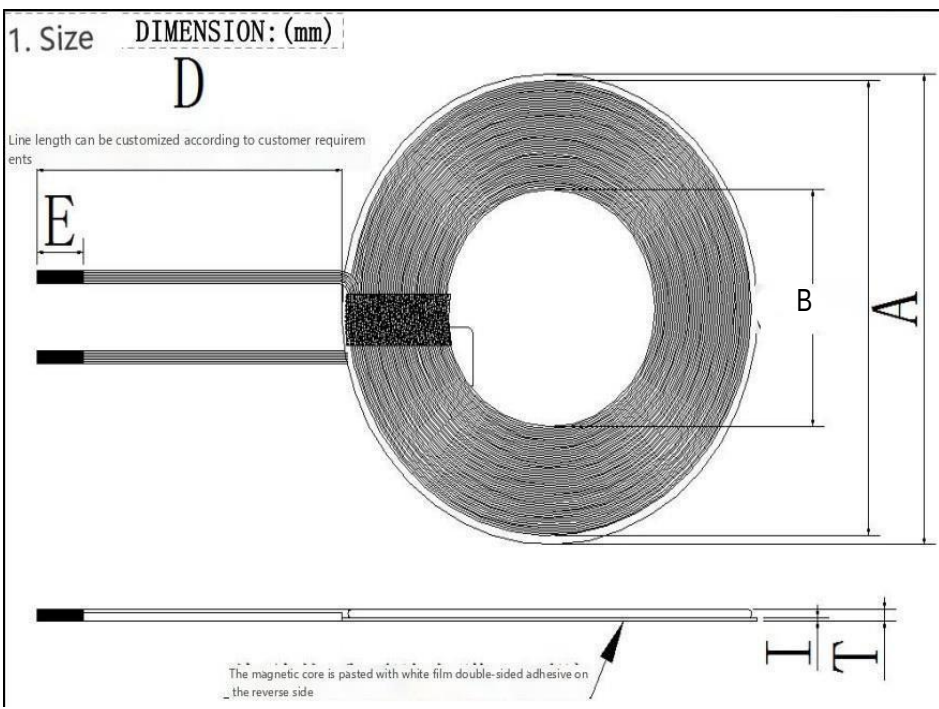
Approval	Review	Re-inspection	Inspection

Explanation:

Product specifications

Customer Name	Changzhuo	Customer Part Number	NS-1009 New
Dingzhi Part Number	TX-DZ43.505.3006-K6.5-L45 Double Slotted Wire	Specification Number	202507030001
Issuance / Revision History			
Version	Effective Date	Change Content / Reason	Approval
01	2025/7/30	New Specification Issuance	Ma Xiangping
Compiled		Reviewed	Approved
Li Pinghui		/	Ma Xiangping

Product specifications

Customer Name	Changzhuo		Customer Part Number	NS-1009 New		
Dingzhi Part Number	TX-DZ43.505.3006-K6.5-L45 Double Slotted Wire		Specification Number	202507030001	Version	01
◆、External Dimensions 1. Size DIMENSION: (mm) 				(Unit: mm)		
				A	5.3 ±1.0	
				B	20.5 ±1.0	
				C	39.5 ±1.0	
				D	43.5 ±1.0	
				E	43.5 ±1.0	
				F	45.0 ±2.0	
				G	3.0 ±2.0	
				H	1.60 ±0.3	
				I	0.6 ±0.5	
				(1) Wire Diameter: 0.08*24P*2 Enamelled Wire		
				(2) Number of Wounds: 20TS		
				(3) Do the starting and ending wires cross? Yes		
				(4) Coil Wrapped with 4mm High Temperature Tape		
				(5) The coil and the magnetic sheet need to be pasted in the center		
				(6) White glue on the back of the magnetic sheet		
				(7) The lead wire is placed to the left		
◆、Electrical Characteristics:						
Parameters		Specifications		Test Conditions	Test Instruments	
L0		6.5 ±10%	μH	100KHz/1V	■ TH1816B	
Q		>25	min	100KHz/1V	■ TH1816B	
DCR		<90	mΩ	@ 25℃	■ CH-502BC	
◆Temperature Rating:						
Operating Temperature		-40℃~ 125℃				
◆Bill of Materials:						
Item No.	Product Name	Material Specifications		Supplier	Remarks	
1	Magnetic Sheet	43.5*5.3*0.6T Dual-slot			PC40 Manganese Zinc	
2	Copper Wire	0.08*24P*2			Enameled Wire	
4	Glue	Round White Glue			Environmentally Friendly Adhesive Tape	
5	Tin	107H			Thousand Island Environmentally Friendly Tin	
6	Glue	Yellow Glue			environmentally friendly glue	
Compiled			Reviewed		Approved	
Li Pinghui			/		Ma Xiangping	