

Product Specification Book



Specification Number	20260309001
Availability date	2026/3/9

Customer name	Xindong Sound
Product type	QL2.0 wireless charging coil
Top Intelligence Material Number	TX-DZ42.505.3008-K8.1-L100 Double Slot Type
Customer part number	

☒ ☐ ☒ New version released, ☐ Version Revision [This specification includes a table of contents totaling 7 pages] [RoHS Compliant Parts]

Prepare	Examine and verify	Ratify
Li Pinghui	/	Ma Xiangping

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This acknowledgment form must be signed and returned within 30 days after the client receives it. Failure to comply will result in production standards based on this acknowledgment form.

[Customer Approval]

date :

Accept status: ☐ full recognition ☐ conditional admission ☐ refusal to admit

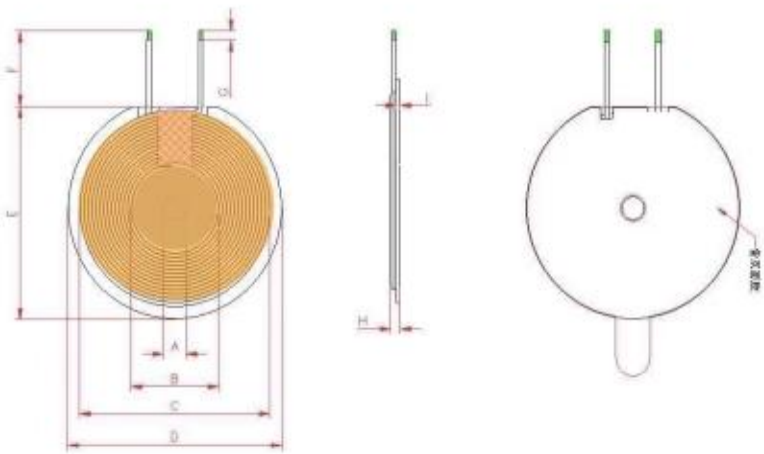
Ratify	Examine and verify	Recheck	Check up

explain :

Product Specification Book

Customer name		Xindong Sound		Customer part number			
Top Intelligence Material Number		TX-DZ42.505.3008-K8.1-L100 Double Slot Type		Specification Number		20260309001	
Release/Revision History							
Edition	Availability date	Change content/Reason				Approval	
01	2026/3/9	New specification release				Ma Xiangping	
Prepare		Examine and verify		Ratify			
Li Pinghui		/		Ma Xiangping			

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Customer name	Xindong Sound		Customer part number			
Top Intelligence Material Number	TX-DZ42.505.3008-K8.1-L100 Double Slot Type		Specification Number	20260309001	Edition	01
◆、outline dimension 				(unit : mm)		
				A	5.3 ±1.5	
				B	20.5 ±1.5	
				C	39.0 ±1.5	
				D	42.5 ±1.0	
				E	42.5 ±1.0	
				F	100.0 ±3.0	
				G	3.0 ±2.0	
				H	2.3 ±0.3	
				I	0.80 ±0.5 (magnetic film thickness)	
				(1) Wire diameter: 0.08*80 Leeds wire		
				(2) Number of windings: 11TS		
				(3) Do the start and end lines cross: Yes		
				(4) Coil wrapped with 4mm wide high-temperature tape		
				(5) The coil and magnetic plate must be centrally adhered.		
				(6) Back circle white adhesive for magnetic disks		
				(7) Attach 20*0.8 mm small magnetic pieces in the center of the coil.		
◆、electrical character :						
Parameter	Specification		Test condition	Measuring and test instruments		
L0	8.1 ±10%	μH	100KHz/1V	■TH1816B		
Q	>75	min	100KHz/1V	■TH1816B		
DCR	<60	mΩ	@ 25℃	■CH-502BC		
◆、temperature grade :						
Service temperature	-40℃~ 125℃					
◆、bill of material :						
Order number	Name of a part	Material specification	Supplier	Remarks		
1	Magnetic sheet	42.5*5.3*0.8T with double grooves	PC40 High Zinc			
2	Copper line	0.08*80P	Copper wire-wound coil			
3	High-temperature tape	4MM	Eco-friendly tape			
4	Glue	Round white glue	Environmental-friendly adhesive tape			
5	Small magnetic disk	20*0.8	PC40 High Zinc			
6	Tin	107H	Qian Dao Environmental Protection Tin			
7	Glue	Yellow glue	Environmental-friendly adhesive			
Prepare		Examine and verify		Ratify		
Li Pinghui		/		Ma Xiangping		