

Product SPECIFICATIONS



Specification Number	202503010002
Availability date	2025/3/10

Customer name	Tecori
Product type	3-in-1 wireless charging coil
Top Intelligence Material Number	Coil 43 × 47mm
Customer part number	

【 The new version is released, □ Version Revision | This specification contains a table of contents (7 pages) | RoHS Compliant Parts

Authorized strength	Examine and verify	Ratify
Li Pinghui	/	Ma Xiangping

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

[Customer Approval]

date :

Accept status: ☐make a clean breast of ☐conditional admission ☐disallow

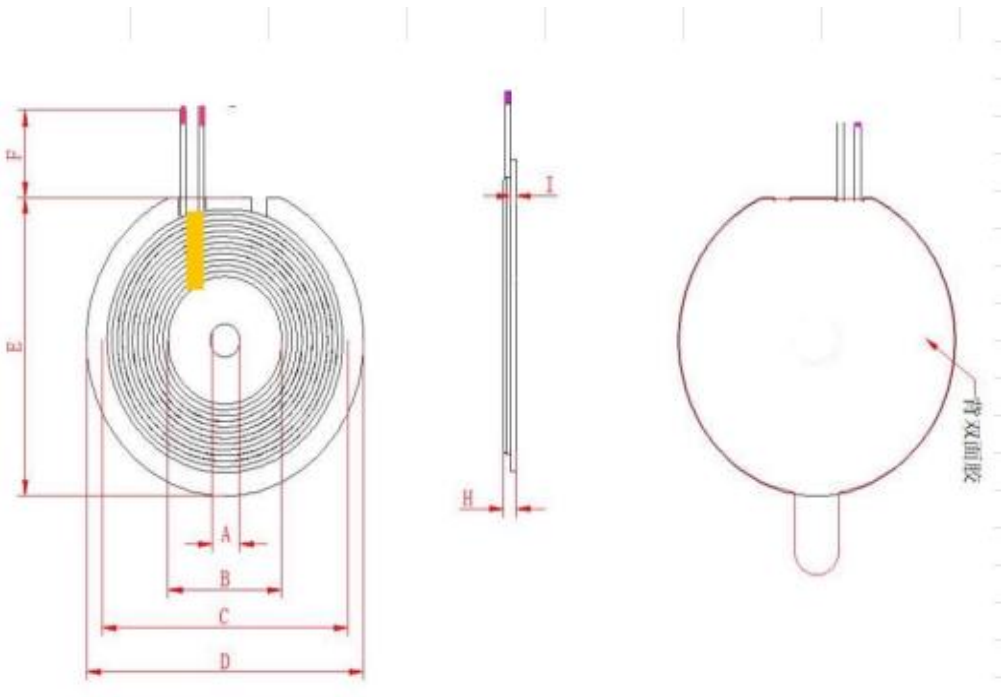
Ratify	Examine and verify	Recheck	Check up

explain :

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[illegible]

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Customer name	Tecori			Customer part number					
Top Intelligence Material Number	Coil 43 × 47mm			Specification Number	202503010002	Edition		01	
◆、outline dimension 					(unit : mm)				
					A	5.3 ±0.5			
					B	13.8 ±0.5			
					C	37.5 ±1.0			
					D	43.5 ±1.5			
					E	43.5 ±1.0			
					F	47.0 ±2.0			
					G	3.0 ±1.5			
					H	1.93 ±0.5(Card magnet)			
					I	0.60 ±0.2 (magnetic sheet thickness)			
					(1) Wire diameter: 0.08*24P*2P enameled wire				
					(2) Number of turns in the coil; 12Ts				
					(3) Do the start and end lines cross: Yes				
					(4) The coil is wrapped with 6mm wide high-temperature adhesive tape.				
(5) Center the coil and magnetic sheet									
(6) The back of the magnetic disc is made of round, white adhesive without any holes.									
(7) 5*1.8 small magnet in the center hole of the magnetic disk									
◆、electrical character :									
Parameter	Specifications		Test condition	Measuring and test instruments					
L0	6.9 ±10%	μH	100KHz/1V	■TH1816B					
Q	>25	min	100KHz/1V	■TH1816B					
DCR	<75	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	43.5*5.3*0.6T Open double groove (deep groove)	PC40 Manganese Zinc						
2	Copper line	0.08*24P*2P		Varnished wire					
3	Adhesive tape	6MM high temperature adhesive tape	Eco-friendly tape						
4	Glue	Non-porous round white glue	Environmental adhesive tape						
4	Tin	107H	Thousand Islands Environmental Protection Tin						
5	Glue	Yellow glue	Environmental glue						
6	Small magnet	5*1.8							
Authorized sign		Examine and verify			Ratify				
Li Pinghui		/			Ma Xiangping				