

# Product Specifications



Specification number	202507023001
availability date	2025/7/23

customer name	SHENZHEN BOGOODWILL INDUSTRIAL.,LIMITED
product type	Wireless charging coil
Top Intelligence	TX-DZ43.505.3006-K6.5-L60 Open the dual slots
Customer part number	

[ New release,  revised version] [This specification contains a total of 7 pages of the catalog] [RoHS Compliant Parts]

authorized strength	examine and verify	ratify
Li Pinghui	/	Ma Xiangping

Guangdong Dingzhi Electronic Technology Co., LTD

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Tel: 13147097490

This letter of acknowledgment shall be signed and returned within 30 days after the customer receives it. If not, it shall be regarded as the standard of this letter of acknowledgment during production.

[Client Approval] Date:

[Client Approval] Date:

Status of admission:  full admission  conditional admission  admission refused

ratify	examine and verify	recheck	check up

explain :

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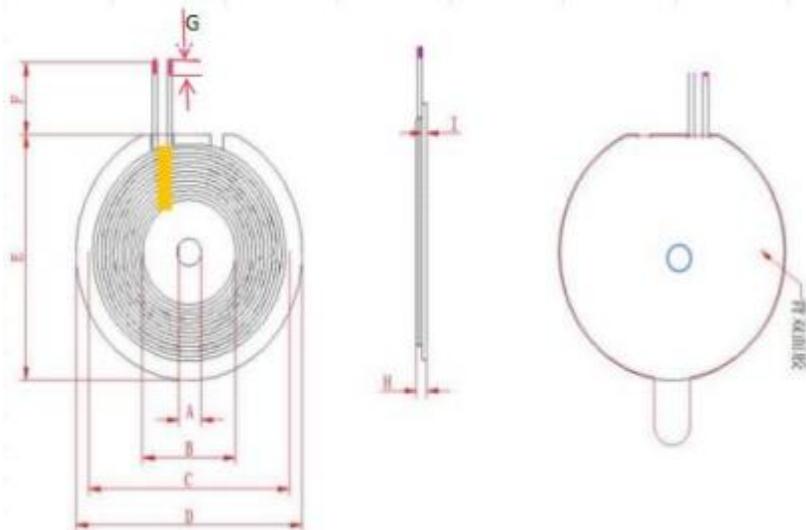
## Product Specifications

customer name	SHENZHENBOGOODWILL INDUSTRIAL.,LIMITED	Customer part number	
Top Intelligence	TX-DZ43.505.3006-K6.5-L60 Open the dual slots	Specification number	202507023001
Issue/revision record			
edition	availability date	Change content/ reason	approval
01	2025/7/23	New releases	Ma Xiangping
authorized strength	examine and verify	ratify	
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### ◆ outline dimension



( unit : mm)

A	5.3 ±1.5
B	20.5 ±1.5
C	39.0 ±1.5
D	43.5 ±1.0
E	43.5 ±1.0
F	60.0 ±2.5
G	3.0 ±2.0
H	1.6 ±0.3
I	0.60 ±0.5 (magnetic sheet thickness)

- (1) Wire diameter: 0.08\*24P\*2 enameled wire
- (2) Number of coils: 10TS
- (3) Whether the tail line crosses: Yes
- (4) The coil is wrapped with 4mm wide high temperature tape
- (5) The coil and magnetic plate should be glued to the center
- (6) White glue on the back of the magnetic sheet
- (7) The lead is to the left

### ◆ electrical character :

parameter	specifications	test condition	measuring and test instruments
L0	6.5 ±10% $\mu$ H 6.5 ±10% $\mu$ H	100KHz/1V	■TH1816B
Q	>30 min >30 min	100KHz/1V	■TH1816B ■CH-502BC
DCR	<90 m $\Omega$ <90 m $\Omega$	@ 25°C	

### ◆ temperature grade :

service temperature	-40°C~125°C					

### ◆ bill of material :

order number	name of a part	material specification	supplier	remarks		
1	magnetic sheet	43.5*5.3*0.6T Open the open slot	PC40 Manganese			

2	copper line	0.08*24P	Copper wire wrapped with copper			
3	High temperature tape	4MM	Environmental protection tape			
4	glue	Round white glue	Eco-friendly adhesive tape			
4	tin	107H	Qian Dao Environmental Protection tin			
5	glue	Gum	Eco-friendly glue			
<b>authorized strength</b>		<b>examine and verify</b>		<b>ratify</b>		
Li Pinghui		/		Ma Xiangping		