

Product Specifications

Specification No. 2023012020001

Effective Date: 2023/12/20

client's name	Huake students	
product type	Wireless charging transmitter coil	
Top Intelligence Material Number	TX-DZ4005.5010-K6.3-L40 single slot	
Customer Part Number	DJ.CJ.G4040M03	
version released	This specification includes 7 pages of catalog RoHS Compliant Parts	
prepared by	Audit	approve
Zhong Jianli	/	Ma Xiangping

Dongguan Dingzhi Electronic Technology Co., Ltd.

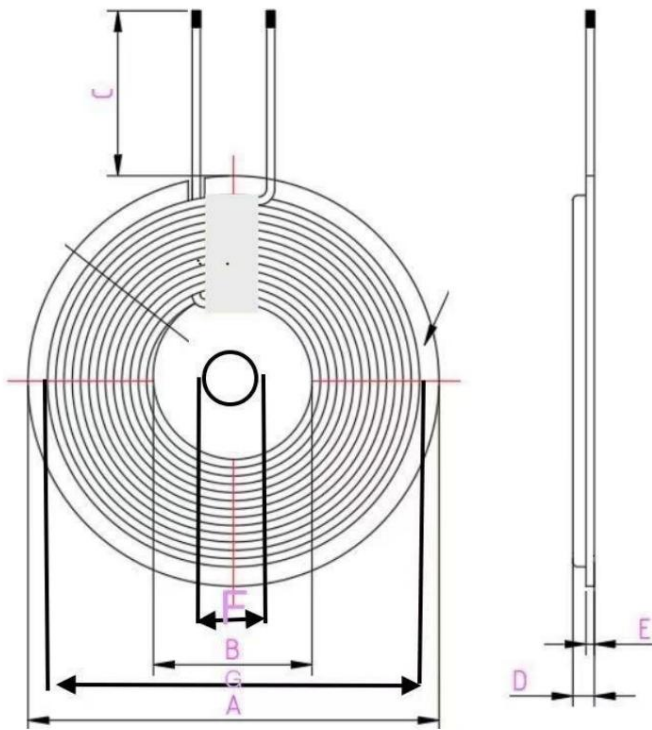
Address: 7th Floor, East Building A, Xinbosheng Industrial Park, No. 5 Xinyuan South Road, Tangxia Town, Dongguan City

Tel: 13147097490

Product Specifications

client's name	Huake students	Customer Part Number	DJ.CJ.G4040M03
Part No	TX-DZ4005.5010-K6.3-L40 single slot	Specification No.	2023012020001
Release/Revision History			
Version	effective date	Change content/reason	Approval
01	2023/12/20	New specification release	Zhong Jianli
prepared by		Audit	approve
Zhong Jianli		/	Ma Xiangping

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Part No	TX-DZ4005.5010-K6.3-L40 single slot	Specification No. 2023012020001	Version		01
<div>Dimensions</div> 			(Unit: mm)		
			A	40.0 ±0.5	
			B	20.5 ±1.5	
			C	70.0 ±3.0	
			D	1.9 ±0.4	
			AND	1.0 ±0.2	
			F	5.3 ±1.5	
			G	39.0 ±1.5	
			Remark		
			(1) Wire diameter: 0.08"24"2P enameled wire		
			(2) Number of coils: 10TS		
			(3) Whether the starting and ending lines cross: Yes		
(4) Coil wrapped with 4mm wide transparent high temperature tape					
(5) The coil and the magnetic sheet need to be pasted in the center					
(6) White glue on the back of magnetic disk					
Electrical characteristics:					
parameter		Test Conditions	test instrument		
L0	Specification 6.5 ±5% μH	100KHz/1V	ÿTH1816B		
Q	>30	100KHz/1V	ÿTH1816B		
DCR	<95 mΩ	@ 25℃	ÿCH-502BC		
Temperature Grade:					
Operating temperature	-40℃ ~ 125℃				
Material list:					
Serial No.	Name Magnetic Plate	Material specification	supplier	Remark	
1		40*5.3*1.0 single slot		PC40 Magnetic Material	
2	Copper wire	0.08"24"2P		Enameled wire	
3	heat resistant tape	4MM		Environmentally friendly tape	
4	tin	107H		Qiandao Environmental Protection Tin	
5	glue	White glue		Environmentally friendly adhesive tape	