



深圳市华科诚科技有限公司

ShenZhen HKC Technology Co. Ltd

承认料号:
Approval P/N

19. 10. 003. 06691302

规格描述:
Item Description

TX-DZ42. 505. 300. 5-K6. 6-L36开双槽

版本
Version

A0

Approval	Check	Prepare
核准	审核	RD确认

供 应 商 : Supplier	Guangdong Dingzhi Electronic Technology Co., Ltd.	供货商料号 : Supplier P/N	TX-DZ42. 505. 300. 5-K6. 6-L36 开双槽
制 造 商 : Manufacturer	ShenZhen HKC Technology Co. Ltd	制造商料号 : Manufacturer P/N	19. 10. 003. 06691302

制造商: 深圳市华科诚科技有限公司

Manufacturer: ShenZhen HKC Technology Co. Ltd

地址: 广东省东莞市塘厦镇沙湖大道南28号华科诚智造园

Address: No. 28, South Shalu Avenue, Huakesheng Intelligent Manufacturing
Park, Tangxia Town, Dongguan City, Guangdong Province

表单编号list number: HKC-QR-QEOP-30-18 A0

Product Specification Sheet



Specification Number	202501002001
Effective date	2025-10-20

客户名称	Huakecheng
产品类型	Wireless Charging Coil (Ultra-Thin Model)
顶智料号	TX-DZ42.505.300.5-K6.6-L36开双槽
客户料号	19. 10. 003. 06691302

【☒新版发行, ☐版本修订】 【本规范含目录共 3 页】 【RoHS Compliant Parts】

编制Compile	审核Check	批准Approval
lipinghui	/	Maxiangping

Guangdong Dingzhi Electronic Technology Co., Ltd.

Factory Address: 1231 Yinge Avenue, Longmen County, Huizhou City, Guangdong Province, 1st Floor

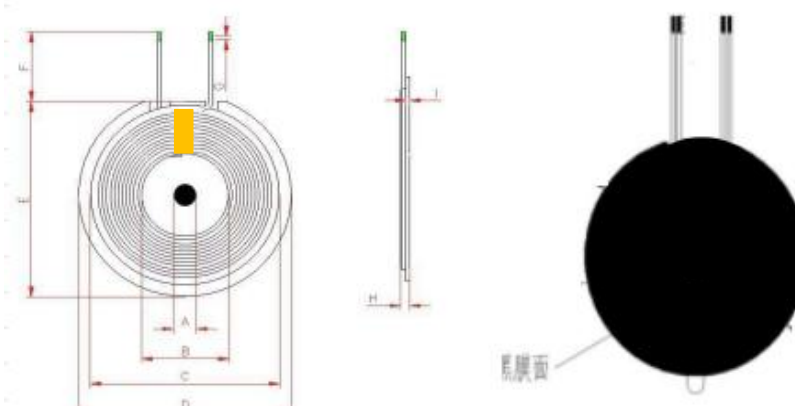
TEL: 13147097490

This acknowledgment must be signed and returned by the customer within 30 days of receipt. If not returned on time, it will be considered that the standards in this acknowledgment shall be followed during production.

Product Specification Sheet

Customer Name		Huakecheng		Customer Part Number		19.10.003.06691302	
Top Smart Material Number		TX-DZ42.505.300.5-K6.6-L36开双槽		Specification Number		202501002001	
Issue/Revision History							
Version	Effective date	Change Content/Reason				Approval	
01	2025-10-20	New specifications issued				Maxiangping	
Compilation		Review			Approve		
lipinghui		/			Maxiangping		

Product Specification Sheet

Customer Name	Huakecheng		Customer Part Num	19.10.003.06691302		
Part Material	TX-DZ42.505.300.5-K6.6-L36开双槽		Specification Num	202501002001	Version	01
◆、 External dimensions 				(Unit: mm)		
				A	5.3 ±0.5	
				B	20.5 ±1.0	
				C	40.0 ±1.5	
				D	42.5 ±1.0	
				E	42.5 ±1.0	
				F	36.0 ±2.0	
				H	1.2 ±0.3	
				I	0.50 ±0.2(磁片厚度)	
				G	3.00 ±2.0	
				(1)Wire gauge: 0.25*4P enameled wire		
				(2)Number of turns: 10TS		
				(3)Do the tail lines cross: Yes		
				(4)4mm wide coil tape high-temperature adhesive tape		
				(5)The coil and magnet need to be pasted in the center		
				(6)Back with a round, black membrane without holes		
◆、 Electrical Characteristics:						
Parameter	Specification		Test conditions	Test instrument		
L0	6.6 ±10%	μH	100KHz/1V	■TH1816B		
Q	>25	min	100KHz/1V	■TH1816B		
DCR	<85	mΩ	@ 25℃	■CH-502BC		
Operation Frequency		110kHz~360kHz				
Antenna Type		Loop coil antenna				
Antenna gain		0dBi				
We statement that All measurements were performed radiated and therefore additional antennagain documentation is not required						
◆、 Temperature rating:						
rating temperature	-40℃~ 125℃					
List of Materials:						
Sequence number	Product Name	Material specifications	Supplier	Note		
1	Disc	42. 5*5. 3*0. 5T		ROHS		
2	Copper wire	0. 25*4P		ROHS		
3	High-temperature	4MM		ROHS		
4	Membrane	Black Film Without Holes		ROHS		
5	Tin	107H		ROHS		
6	Glue	Yellow glue		ROHS		
Compilation		Review			Approve	
lipinghui		/			Maxiangping	