

产品规格书

SPECIFICATION FOR APPROVAL



Specification number	2025002026004
Effective date	2025/2/26

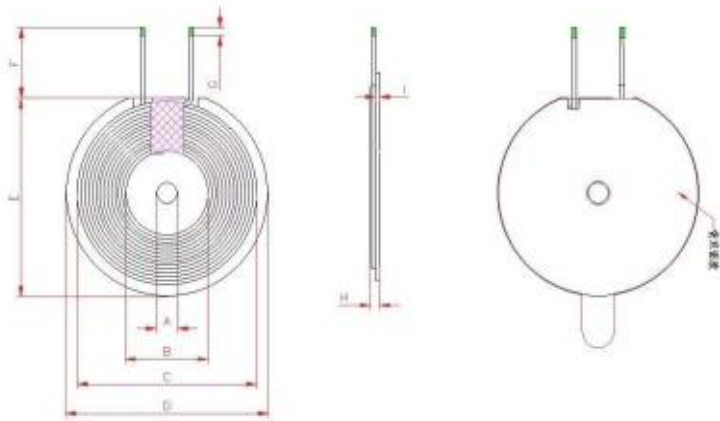
Customer name	Ai Xiaodian
Product type	A11 coil
Top Intelligence Part Number	TX-DZ43.505.3006-K6.5-L40
	AWIR0038

authorized strength	audit	ratify
Li Pinghui	/	Ma Xiangping

Guangdong Dingzhi Electronic Technology Co., Ltd.

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产品规格书 SPECIFICATION FOR APPROVAL

Customer name		Ai Xiaodian		Customer Material	Number			AWIR0038		
Top Intelligence Part Number		TX-DZ43.505.3008-K6.5-L35		specification number	2025002026004		versions	01		
◆、boundary dimension 					(unit: mm)					
					A	5.3 ±0.5				
					B	20.5 ±1.0				
					C	39.0 ±1.0				
					D	43.5 ±0.5				
					E	43.5 ±1.0				
					F	47.0 ±3.0				
					G	3.0 ±2.0				
					H	1.8 ±0.5				
					I	0.80 ±0.2				
					(1)Wire diameter: 0.08 * 24P * 2 enameled wire					
					(2)Number of turns in the coil: 10TS					
					(3)Does the tail line cross over: Yes					
					(4)Coil package with 8mm wide high-temperature adhesive tape					
					(5)The coil and the magnetic sheet need to be adhered in the center.					
					(6)Stick three round white adhesive tapes on the back of the magnetic disk.					
◆、electrical specification:										
parameter		specification		test condition		test instrument				
L0		6.5 ±10% μH		100KHz/1V		■TH1816B				
Q		>30 min		100KHz/1V		■TH1816B				
DCR		<60 mΩ		@ 25℃		■CH-502BC				
◆、temperature grade:										
operating temperature		-40℃~ 125℃								
◆、bill of materials:										
NO.		Name		specification		remark				
1		magnetic sheet		43.5*5.3*0.6T		PC40 Manganese Zinc				
2		copper wire		0.08*24P*2		enameled wire				
3		high-temperature tape		8MM		Environmental protection tape				
4		glue		glue		Environmental protection adhesive tape				
5		tin		107H		Qiandao Environmental Protection Tin				
6		glue		glue		eco-friendly adhesive				
编制				审核			批准			
Li Pinghui				/			Ma Xiangping			