

Product Specifications sheet



Specification No.	202507025001
Effective date	2025/7/25

Customer Name:	艾小电 (ai xiao dian)
Product Model	A07 Transparent - Type Coil
DZ Part No.	TX-DZ42.5053006-K6.5-L10 (double-slotted)
Customer item No	A07-01311-10

【 New issue , version revision 】

【 This specification includes contents and 4 pages in total 】 【 RoHS Compliant Parts 】

organize	Check	Approval
李平辉 Li ping hui	/	马湘平 Ma xiangping

Guang Dong Top Wiser Electronic Technology Co., Ltd

Factory address: Address; 1F, 1231 Yingbin Avenue, Longmen County
, Huizhou City, Guangdong Province

Tel: 13147097490

【 Within 30 days after the customer receives this acknowledgement, please return it with your signature and seal. If it is overdue, it will be deemed that the production will be carried out according to the standards of this acknowledgement 】.

【 customer approval 】

Date:

Recognition status: full recognition conditional recognition refusal

Approval	Review	Recheck	Check

remark:

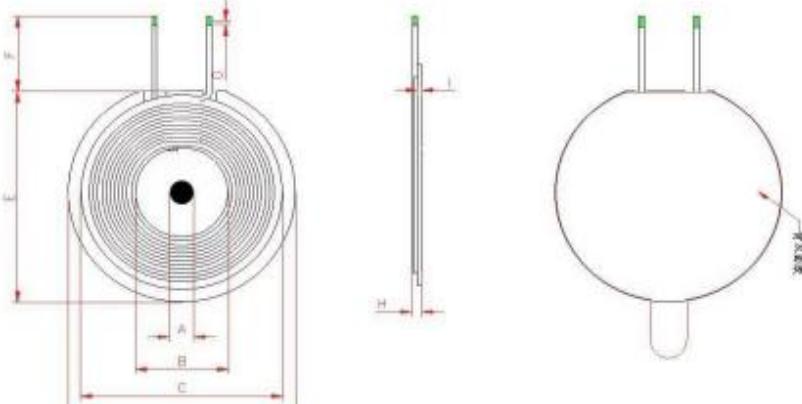
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Customer Name:	艾小电 (ai xiao dian)	item	A07-01311-10
DZ Part No.	TX-DZ42.5053006-K6.5-L10	Specification No.	202507025001

Issue/Revision History

Version	Effective date	Change content / reason	Approval
01	2025/7/25	New specification release	马湘平Ma XiangPing
organize	check	approval	
李平辉 Li ping hui	/	马湘平 Ma XiangPing	

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Customer Name:	艾小电 (ai xiao dian)		Customer item No	A07-01311-10																			
DZ Part No	TX-DZ42.5053006-K6.5-L10		Specification No	202503027001	Version	01																	
◆ Overall dimensions						(unit: mm)																	
																							
<table border="1"> <tr> <td>A</td><td>5.3 ±0.5</td></tr> <tr> <td>B</td><td>20.5 ±1.0</td></tr> <tr> <td>C</td><td>39.0 ±1.0</td></tr> <tr> <td>D</td><td>42.5 ±0.5</td></tr> <tr> <td>E</td><td>42.5 ±1.0</td></tr> <tr> <td>F</td><td>10.0 ±3.0</td></tr> <tr> <td>G</td><td>3.0 ±2.0</td></tr> <tr> <td>H</td><td>1.4 ±0.3</td></tr> <tr> <td>I</td><td>0.60 ±0.2(Magnetic sheet thickness)</td></tr> </table>						A	5.3 ±0.5	B	20.5 ±1.0	C	39.0 ±1.0	D	42.5 ±0.5	E	42.5 ±1.0	F	10.0 ±3.0	G	3.0 ±2.0	H	1.4 ±0.3	I	0.60 ±0.2(Magnetic sheet thickness)
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I	0.60 ±0.2(Magnetic sheet thickness)																						
(1)Wire diameter: 0.08 * 24P*2P enameled wire																							
(2)Number of windings: 10TS																							
(3)Whether the starting and ending lines cross: Yes																							
(4) Not packaged with high - temperature adhesive																							
(5)The coil and magnetic plate must be centrally aligned during bonding																							
(6) Disc back 42 rounds white glue																							
◆ Electrical characteristics::																							
parameter	specification	Test conditions	Test instrument																				
L0	6.5 ±10% μ H	100KHz/1V	■TH1816B																				
Q	>20 min	100KHz/1V	■TH1816B																				
DCR	<80 mΩ	@ 25°C	■CH-502BC																				
◆ Temperature class:																							
operating temperature	-40°C ~ 125°C																						
◆ list of materials:																							
Item	Product Name	Material specification	Supplier	Remark																			
1	Magnetic sheet	42.5*5.3*0.6T开双槽 (double-slotted)		PC40																			
2	Copper wire	0.08*24*2P		enameled wire																			
3	tin	107H		ROHS																			
4	Double-sided tape	42 rounds white glue		ROHS																			
5	glue	Yellow gum		ROHS																			
organize		check		approval																			
李平辉 Lipinghui		/		马湘平 Ma Xiangping																			