

Product Specification Sheet



Specification Number	202505028001
Effective Date	2025/5/28

Customer Name	Techray
Product Type	SQ-Q80-Q81 Coil
Dingzhi Part Number	TX -DZ41.505.3006 -K6.3 -L10 Double open groove
Customer Part Number	

[☒ New Edition , ☐ Revision] [This specification with table of contents consists of 3pages] [RoHS Compliant Parts]

Prepared by	Reviewed by	Approved by
Li Pinghui	/	Ma Xiangping

Guangdong Dingzhi Electronic Technology Co., Ltd.

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Phone: **13147097490**

This acknowledgment must be duly signed and returned within 30 days of customer receipt; if overdue, it shall be deemed that production will proceed according to the standards of this acknowledgment.
Okay.

[Customer Approval]

Date:

Acknowledgment Status: ☐ Full Approval ☐ Conditional Approval ☐ Rejection

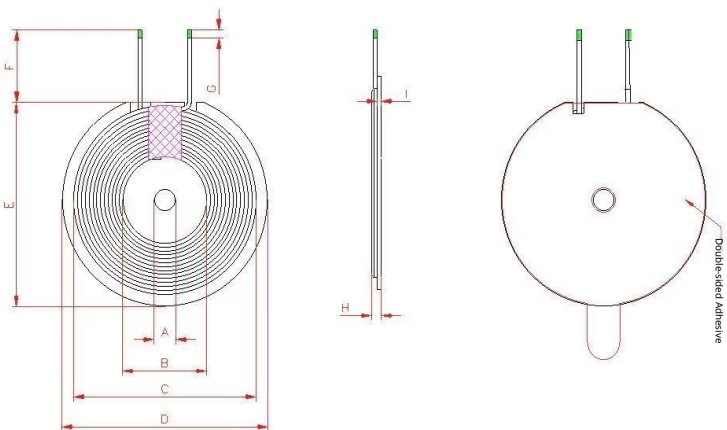
Approved by	Reviewed by	Reinspection	Inspection

Remarks:

Product Specification Sheet

Customer Name		Techray		Customer Part Number			
Dingzhi Part Number		TX-DZ41.505.3006-K6.3-L10		Specification Number		202505028001	
Issue / Revision Record							
Version	Effective Date	Change Content/Reason				Approval	
01	2025/5/28	New Specification Issue				Ma Xiangping	
Prepared by		Reviewed by			Approved by		
Li Pinghui		/			Ma Xiangping		

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Customer Name	Techray			Customer Part Number				
Dingzhi Part Number	TX -DZ41.505.3006 -K6.3 -L10 Double open groove			Specification Number	202505028001	Version	01	
◆, overall dimensions 					(Unit: mm)			
					A	5.3 ±0.5		
					B	20.5 ±0.5		
					C	38.5 ±1.0		
					D	41.5 ±1.5		
					E	41.5 ±1.0		
					F	10.0 ±2.0		
					G	3.0 ±1.5		
					H	1.50 ±0.5		
					I	0.60 ±0.5(Magnetic sheet thickness)		
					(1) Wire diameter: 0.08*24P*2PEnamelled wire			
					(2) Number of coil turns;10Ts			
					(3) Whether start and end wires intersect:Yes			
					(4) Coil wrapping 8mm wide high-temperature tape			
					(5) Coil and magnetic sheet must be centered and glued			
					(6) White glue on the back of the magnetic sheet			
					◆Electrical characteristics:			
Parameter	Specification		Test conditions	Testing Equipment				
L0	6.3 ±10%	μH	100KHz/1V	■TH1816B				
Q	>30	min	100KHz/1V	■TH1816B				
DCR	<75	mΩ	@ 25℃	■CH-502BC				
◆Temperature Rating:								
Operating Temperature	-40℃~ 125℃							
Material List:								
Serial Number	Item Name	Material Specification	Supplier	Remarks				
1	Magnetic sheet	41.5*5.3*0.6 Double open groove	PC40 Strong zinc					
2	Copper wire	0. 08*24P*2P		Enamelled wire				
3	Tape	8MM High-Temperature Tape	Eco-friendly Tape					
4	Adhesive	Round White Glue	Eco-friendly Adhesive Tape					
4	Tin	107H	Qiandao Eco-friendly Tin					
5	Adhesive	Yellow Glue	Eco-friendly Glue					
6								
Prepared by			Reviewed by		Approved by			
Li Pinghui			/		Ma Xiangping			