

Product Specification Book



Specification Number	202505028001
Availability date	2025/5/28

Customer name	Tekorei
Product type	SQ-Q80-Q81 Coil
Zhiding Material Number	TX-DZ41.505.3006-K6.3-L10 with dual slots
Customer Material Number	

☒ ☐ ☒ New version released, ☐ Version Revision: [This specification includes a table of contents spanning 3 pages.] RoHS Compliant Parts.

Prepare	Examine and verify	Ratify
Li Pinghui	/	Ma Xiangping

Guangdong Dingzhi Electronic Technology Co., Ltd.

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Phone: 13147097490

This acknowledgment form must be signed and returned within 30 days of receipt by the customer.
Failure to do so will result in production proceeding according to the standards specified herein.

[Customer Approval]

date :

Recognition Status:☐Full Admission☐condition recognition☐Refusal to acknowledge

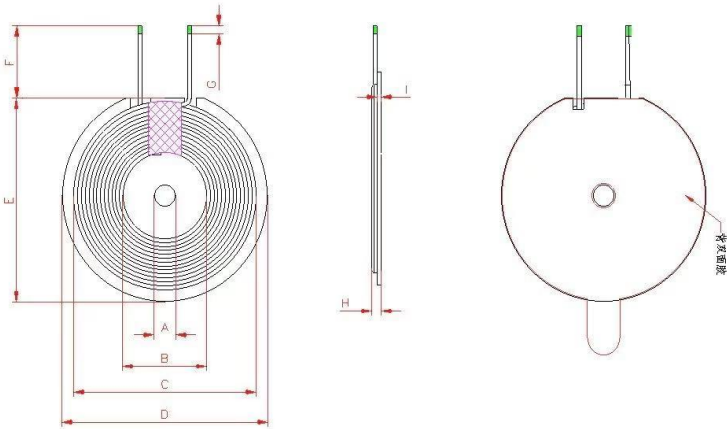
Ratify	Examine and verify	Recheck	Check up

explain :

Product Specification Book

Customer name	Tekorei	Customer Material Number	
Zhiding Material Number	TX-DZ41.505.3006-K6.3-L10 with dual slots	Specification Number	202505028001
Release/Revision History			
Edition	Availability date	Change Content/Reason	Approval
01	2025/5/28	New specification release	Ma Xiangping
Prepare		Examine and verify	Ratify
Li Pinghui		/	Ma Xiangping

Product Specification Book

Customer name	Tekorei		Customer Material Number					
Ordering Material Number	TX-DZ41.505.3006-K6.3-L10 with dual slots		Specification Number	202505028001	Edition		01	
◆、outline dimension 				(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 disc thickness)			
				(1) Wire diameter: 0.08*24P*2P enameled wire				
				(2) Number of turns in the coil: 10 Ts				
				(3) Whether the start and end lines intersect: Yes				
				(4) The coil is wrapped with 8 mm wide high-temperature resistant tape.				
				(5) The coil and magnetic plate must be glued in the center.				
				(6) Disk backing with circular white adhesive				
◆、electrical character :								
Parameter	Specifications		Test condition	Measuring and test instruments				
L0	6.3 ±10%	μH	100KHz/1V	■TH1816B				
Q	>30	min	100KHz/1V	■TH1816B				
DCR	<75	mΩ	@ 25℃	■CH-502BC				
◆、temperature grade :								
Service temperature	-40℃~ 125℃							
◆、bill of material :								
Order number	Name of a part	Material specification	Supplier	Remarks				
1	Magnetic sheet	41.5 × 5.3 × 0.6 cm; double slots	PC40 High Zinc					
2	Copper line	0.08*24P*2P		Varnished wire				
3	Adhesive tape	8MM high-temperature adhesive tape	Environmental-friendly tape					
4	Glue	Round White Glue	Environmental-friendly adhesive tape					
4	Tin	107H	Qiandao Environmental Protection Tin					
5	Glue	Yellow glue	Environmental-friendly adhesive					
6								
Prepare		Examine and verify			Ratify			
Li Pinghui		/			Ma Xiangping			