

SPECIFICATION FOR APPROVAL

CUSTOMER: **Shen zhen RONG HENG YUN Technology Co.,Ltd**

CUST P/N: **RHY-CDB-866-01**

FINE P/N: **01.01.02.02.0020**

DESC: **Φ 14.2/8.3UH/24.5*22*2.5/0.08*24P*14TS-12mm**

DATE: **2025.07.17**

Version: **A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
赵金花	上官禄游	安帅印	

Shen zhen SAN SHENG CHUANG Electronic Technology Co.,Ltd

Factory address: 2nd floor, No. 105, Zhenyu 2nd Road, Guangming District, Shenzhen

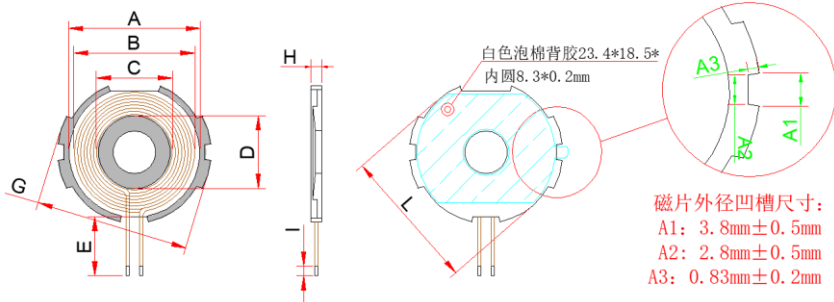
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VersionChangeHistory

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SPECIFICATION

DESC	Φ14.2/8.3UH/24.5*22*2.5/ 0.08*24P*14TS-12mm	Rev: A. 0	CUST:	Rong Heng Yun		
			CUST P/N:	RHY-CDB-866-01		
1、 DIMENSION:(mm) 				A	21±0.5	
				B	20.5±0.5	
				C	14.2±0.5	
				D	13.5±0.5	
				E	7.8±0.5	
				F	12±2.0	
				G	24.5±0.5	
				H	2.0±0.2	
				I	3±1.0	
				J	41±0.5	
				2、 SCHEMATIC DIAGRAM: 		
1.Cross out of the line;						
2.White foam backing glue						
				23.4*18.5*inner circle 8.3*0.2mm		
3、 Winding Specification:						
NO.		TERMINAL		WIRE	Turns	Winding Direction
1		S	F	Silk-wrapped thread 0.08*24P	14Ts	CCW
4、 ELECTRICAL CHARACTERISTICS:						
TEMPERATURE:25±10℃, RELATIVE HUMIDITY:65±20%						
NO	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS	
1	IND.	S-F	8.3uH ±5%Add magnetic disk	100KHz/0.25V	TM U2832	
2	DCR (MAX)	S-F	≤ 112mΩ	100KHz/0.25V	TM U2832	
3	Q (MIN)	S-F	≥ 34mΩ	100KHz/0.25V	TM U2832	
PREPARED BY/DATE				CHECKED BY/DATE		
上官禄游 2025.07.17				安帅印 2025.07.17		

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MaterialList:				
NO	Materialname	Description		
1	wire rod	Silk-wrapped thread 0.08*24P		
2	magnetic disk	Tank line soft magnetic sheet (24.7mm*8.0mm*2.5mm)		
3	Lead-free tin strips	Lead-free tin strips		
4	glue	Eco-friendly milk latex		
5	Adhesive lining	White foam backing glue23.4mm*18.5mm*Inner circle8.3mm*0.2mm		

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