SPECIFICATION FOR APPROVAL

CUSTOMER:	**Shenzhen Hongguo Intelligent Technology Co., Ltd**
CUST P/N:	**RHY-KX212-01**
FINE P/N:	**01.01.01.02.0116**
DESC:	**Φ16mm*38mm-6.5uH-0.08*24P*2P*11Ts-60mm**
DATE:	**2025.08.13**
Version:	**A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE

深圳市三盛创电子科技有限公司保密文件

Shen zhen SAN SHENG CHUANG Electronic Technology Co.,Ltd

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

VersionChangeHistory

Rev.	Before Change	After Change	Chang Date	Approved By
A.0	New release	----	2025.08.13	

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SPECIFICATION

<table>
<tr><td rowspan="2">D E S C</td><td rowspan="2">Φ16mm*38mm-6.5uH-
0.08*24P*2P*11Ts-60mm</td><td rowspan="2">Rev：A.0</td><td>CUST:</td><td colspan="2">Rong Heng Yun</td></tr>
<tr><td>CUST P/N:</td><td colspan="2">RHY-KX212-01</td></tr>
<tr><td colspan="4" rowspan="3">1、尺寸 DIMENSION:(mm)</td><td>A</td><td>38±1.0</td></tr>
<tr><td>B</td><td>16±0.5</td></tr>
<tr><td>C</td><td>43.5±0.5</td></tr>
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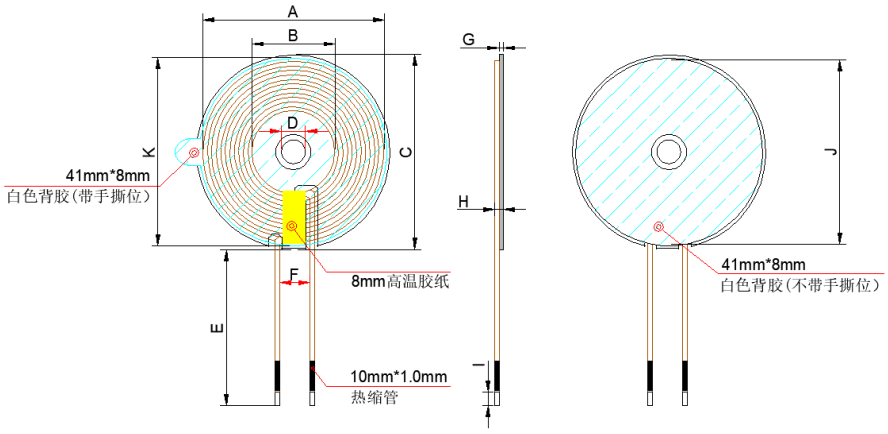


E	60±2.0
F	8±1.0
G	0.8±0.1
H	1.8±0.2
I	3±1.0
J	41±0.5
K	41±0.5

NOTE：

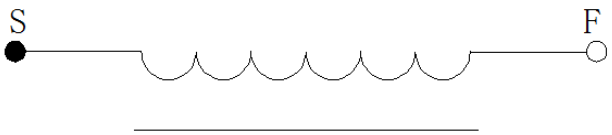
1.Cross out of the line;

2.The outlet position is wrapped with 8mm (ref) width high-temperature adhesive tape 1-2Ts;

3.41mm x 8mm white adhesive backing on the front (with hand tear bit), 41mm x 8mm white adhesive on the back (without hand tear bit);

4.Put a 10*1.0 heat shrink tube near the tin head..

2、SCHEMATIC DIAGRAM:



3、Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	Silk-wrapped thread 0.08*24P*2P	11Ts	CCW

4、ELECTRICAL CHARACTERISTICS:

TEMPERATURE:25±10℃, RELATIVE HUMIDITY:65±20%

NO	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	6.5uH ±10% Add magnetic disk	100KHz/0.25V	TM U2832
2	DCR（MAX）	S-F	≤88 mΩ	100KHz/0.25V	TM U2832
3	Q（MIN）	S-F	≥34 mΩ	100KHz/0.25V	TM U2832

PREPARED BY/DATE	CHECKED BY/DATE

深圳市三盛创新科技有限公司保密文件

SPECIFICATION

D E S C	Φ16mm*38mm-6.5uH- 0.08*24P*2P*11Ts-60mm	Rev： A.0	CUST：	**Rong Heng Yun**
			CUSTP/N：	**RHY-KX212-01**

MaterialList:

NO	Materialname	Description
1	wire rod	Silk-wrapped thread 0.08*24P
2	magnetic disk	magnetic disk（PC40）43.5mm*5.3mm*0.8mm
3	Lead-free tin strips	Lead-free tin strips
4	High temperature adhesive paper	8mm
5	glue	Eco-friendly milk latex
6	Adhesive lining	Front with 41mm*8mm white adhesive backing (with hand tear bit)/ 41mm*8mm white adhesive backing on the back (without hand tearing bit)
7	Heat shrink tubing	10mm*1.0mmBlack heat shrink tubing

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