

Undertake Accept Certificate

SPECIFICATION FOR APPROVAL

Customer **Jiangguo Technology Shenzhen Co., Ltd.**

Customer:
CUSTOMER: **FS.000126**

Customer Part **01.01.01.02.0161**

Number:
CUST P/N: **Φ 14.2mm × 20mm – 8.1uH – 0.08 × 24P × 14Ts – 180mm December 4, 2025**

SanShengChuang **A.0**

Part Number:
FINE P/N:

Product Model:
DESC:

Date Date:
DATE:

Edition

Version:
Version:

Draft PREPARED BY	Reviewed CHECKED BY	Approved APPROVED BY	Customer Approval CUSTOMER APPROVAL
Shangguan Luyou	Shangguan Luyou	An Shuaiyin	

Shenzhen San Sheng Chuang Electronic Technology Co., Ltd.

Shenzhen SAN SHENG CHUANG Electronic Technology Co., Ltd.

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Version Change History

Version Change History

[illegible]

SPECIFICATION

Product Model: DESC	Φ 14.2 mm × 20 mm – 8.1 uH – 0.08 × 24P × 14Ts – 180 mm	Version Rev: A.0	Client CUST: Customer Part Number CUST P/N:	Jiangguo Technology Shenzhen Co., Ltd. FS.000126	
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I. Dimensions (mm)

7.8mm*2.5mm
小圆形磁铁

磁片外径凹槽尺寸:
A1: 3.8mm ± 0.5mm
A2: 2.8mm ± 0.5mm
A3: 0.83mm ± 0.2mm

A	20.5±0.5
B	20±1.0
C	14.2 ± 0.5
D	13.5 ± 0.5
E	180 ± 2.0
F	8 ± 0.2
G	24.7 ± 0.5
H	2.3 ± 0.2
I	3 ± 1.0
J	20 ± 0.5
L	23±0.5

II. Schematic Diagram:

Note:

- Crossed wires;
- Leads fitted with insulation sleeves.

III. Winding Specifications:

No.	Terminal		Wire Gauge	Number of Coils	Winding Direction
NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	Hot air wire 0.08*24P	14Ts	CCW

IV. Electrical Characteristics:

Temperature: 25±10°C, Relative Humidity: 65±20%

No.	Item	Terminal	Standard	Test Conditions	Test Instruments
NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENT
1	IND.	S-F	8.1 uH ±10% with magnetizing plate and magnet	100 kHz/0.25 V	TM U2832
2	DCR	S-F	≤180 mΩ	100 kHz/0.25 V	TM U2832
3	Q-factor	S-F	≥15	100 kHz/0.25 V	TM U2832

Prepared by/Date	Checked by/Date CHECKED BY/DATE
Shangguan Luyou December 4, 2025	Shangguan Luyou Dec. 4, 2025

Product Model DESC	SPECIFICATION Φ 14.2mm*20mm-8.1uH-0.08*24P*1415 180mm		Customer:	Jiangguo Technology Shenzhen Co., Ltd.
			CUST:	
	Version Rev: A.0	Customer Part	FS.000126	
		Number: CUSTP/N:		
Bill of Materials (MaterialList):				
No.	Material Name	Item Description		
NO	Material Name	Description		
1	Wire	Hot-air wire 0.08*24		
2	Magnetic Disc	Can-type soft magnetic core (24.5 mm × 8.0 mm × 2.3 mm)		
3	Solder Bar	Lead-free solder bar (high-temperature)		
4	Adhesive	Eco-friendly white latex adhesive		
5	Magnet	Small round magnets (7.8 mm × 2.5 mm)		
6	Adhesive Backing	20 mm (9441A 3M adhesive backing)		
7	Sleeve	Φ1.5mm black heat-shrink tubing		

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Company

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