

Letter of Recognition

SPECIFICATION FOR APPROVAL

Customer:
CUSTOMER: **Xinwei Xin Technology (Shenzhen)**
Co., Ltd.

Customer
Number:
CUSTP/N: **SP031 21**

Customer
Product
Name: **Hot Air Coil**
P/N: **A11/G42.5*0.8mm + 20*1.0 magnetic sheet adhesive line, length: 5 mm**
0.08*80*11TS 8.1UH

Product Model
Number: **2026/7/25**
DESC: **A.0**

~~date:~~
DATE:

edition :
Version:

Proposed PREPARED BY	Reviewed by: CHECKED BY	Approved by:	Customer Confirmation: CUSTOMER APPROVE
Rao Zhipeng	Liao Zhilin	Xie Liang	

Jiangxi Wanrui Electronic Technology
Co., Ltd.

Factory Address: 4th Floor, Building A, Yingtang Industrial Park, Liangfu Industrial Zone, West Side of Taihu Branch Road, Dingnan County, Ganzhou City, Jiangxi Province

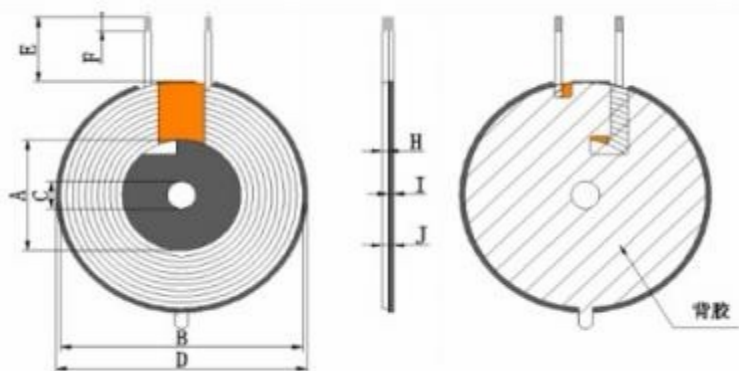
Contact: Xie Liang Phone: 13691728992

Version Change History

SPECIFICATION

Product Model Number: DESC	A11/G42.5*5*0.8 mm + 20*1.0 mm magnetic sheet; adhesive line length: 5 mm; dimensions: 0.08*80*11 TS 8.1 UH	Version Rev: A.0	Customer CUST:	Core-Wire Core
			Customer Part Number CUST P/N:	SP031 21

1. Dimension (DIMENSION): (mm)



Physical Reference Image

A	20±0.5 mm
B	39.5±1 mm
C	5.3±0.5 mm
D	42.5±0.5 mm
E	5±2 mm
F	3±2 mm
I	0.8±0.1 mm
H	1.2mm MAX
J	2.35mm Max

pour :

- 1.Cross-out;
- 2.The disc size is 42.5 ± 0.5 mm, and the thickness is 0.8 ± 0.1 mm,
- 3.The back of the magnetic disc is coated with adhesive.
- 4.Bind the coil with 3 mm brown tape and wrap it around a 1.5 TS coil.
5. The size of the central small magnetic disk is 20×1.0 mm in thickness

SPECIFICATION

III. Winding Specifications:

order number NO.	Terminal		Wire Diameter	number of turns Turns	Winding Direction
L1	S	F	Hot Air Line 0.08*80P	11Ts	CCW

IV. Electrical Characteristics (ELECTRICAL CHARACTERISTICS):

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

order number NO.	project ITEM	terminal TERMINAL	standard SPECIFICATION	test condition TEST FREQUENCY	measuring and test instruments TEST EQUIPMENTS
1	IND.	S-F	4.8 μH ±10% single coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	8.1 unit H ±10% with magnetic insert	100KHz/1.0V	LCZ METER 1062B
3	Q price	S-F	80MIN	100KHz/1.0V	LCZ METER 1062B
4	DCR	S-F	≤60mΩ	100KHz/1.0V	LCZ METER 1062B

SZS

Draft/Date	Review/Date
2026-7-25	