



SPECIFICATION FOR APPROVAL

CUSTOMER: Shenzhen Kaimo Technology Co., Ltd.

CUST P/N:

FINE P/N:

G42 soft magnetic 7.2UH single coil 0.08*24P*2*12TS

DESC:

Φ42MMX0.4MM soft magnetic slotting

DATE:

June 9, 2025

Version:

A.0



PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Huang Yanming	Huang Dongmi	Huang Jinhua	

Dongguan West United Dry City Technology Co., Ltd.

Factory address: No. 8, Building 2, Sanjia High-tech Industrial Park, No. 123, Junfa Road, Dongk Town, Dongguan City

TEL: 0769-82989159

FAX: 0769-82989159

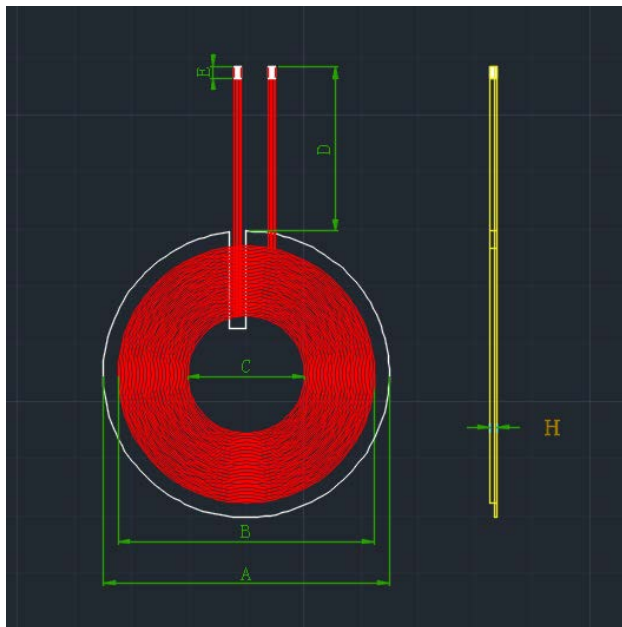
E-mail: aming198204@163.com

[illegible]

DESC	Φ 14.5x39-7.2uH-0.08x24P-55mm	Rev: A.0	CUST:	XXX
------	-------------------------------	----------	-------	-----

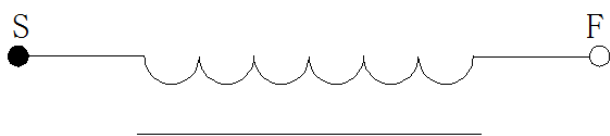
CUST P/N:

One: DIMENSION:(mm)

A 42 ± 0.5 B 39.0 ± 1.5 C 14.5 ± 1 D 42 ± 2 E 3 ± 1.5 H 1.2 ± 0.2

Note: 1. Cross out the line; 2. Wrap 5mm (ref) width high-temperature tape at the exit position 1-2; 3. The coil is attached to a round soft magnetic plate with a slot, the size of the magnetic plate is 42 ± 0.5 mm, the thickness 0.4 ± 0.1 mm. 4: Back with back glue attached

Two、SCHEMATIC DIAGRAM:



Three: Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	Enamelled copper wire 0.08*24PX2	12Ts	CCW

Four、ELECTRICAL CHARACTERISTICS:

TEMPERATURE: $25 \pm 10^{\circ}\text{C}$, RELATIVE HUMIDITY: $65 \pm 20\%$

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	$3.8\mu\text{H} \pm 20\%$ separate coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	$7.2\mu\text{H} \pm 10\%$ Magnetic film	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	$\leq 102\text{m}\Omega$	100KHz/1.0V	LCZ METER 502B
4	Q	S-F	≥ 33	100KHz/1.0V	LCZ METER 502B

PREPARED BY/DATE

Huang Yanming June 9, 2025

CHECKED BY/DATE

Huang Jinhua June 9, 2025