



SPECIFICATION FOR APPROVAL

CUSTOMER: **"Core News Core"**

CUST P/N: _____

FINE P/N: **G43-6.7UH Single coil 0.08*105P*12TS**

DESC: **Φ 43.0MM x 5.0MM x 0.8MM - Two slots are provided**

DATE: **Nov. 16, 2024**

Version: **A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Huang Yanming	Huang Dongming	Huang jinhua	

Dongguan Xi Liang Gancheng Technology Co., Ltd.

Add: No. 123, Junfa Road, Dongkeng Town, Dongguan City. Building 2, Sanjia

High-tech Industrial Park, 8th Floor.

TEL: 0769-82989159

FAX: 0769-82989159

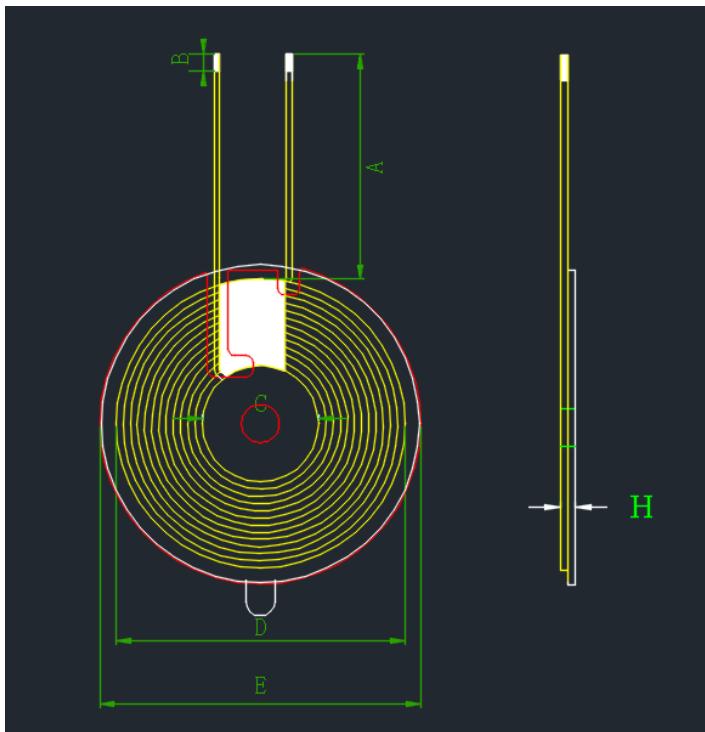
E-mail: aming198204@163.com

Version Change History

SPECIFICATION

DESC	$\Phi 14 \times 40-6.7\mu\text{H}-0.08 \times 105\text{P}-8\text{mm}$	Rev: A.0	CUST:	XXX
			CUST P/N:	

一、DIMENSION:(mm)

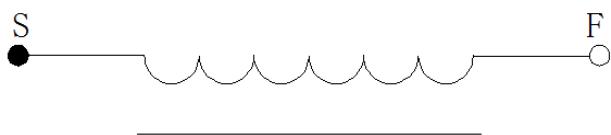


A	8 ± 1
B	3 ± 1
C	14 ± 1
D	40 ± 1
E	43.0 ± 0.4
H	2.5 ± 0.3

Note:

1. Cross-line method;
2. Apply 8mm (ref) wide heat-resistant adhesive tape at the exit position for 1-2 times;
3. The coil is attached to the circular hard magnetic sheet with slots. The size of the magnetic sheet is $43.0 \pm 0.4\text{mm}$, the inner hole is 5.0mm, and the thickness is $0.8 \pm 0.1\text{mm}$.

二、SCHEMATIC DIAGRAM:



三、Winding Specification:

NO.	TERMINAL	WIRE	Turns	Winding Direction
1	S F	Silk braided cable 0.08 * 105P	12Ts	CCW

四、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	$3.8\mu\text{H} \pm 20\%$ Single Coil	100KHz/0.25V	LCZ METER 1062B
2	IND.	S-F	$6.7\mu\text{H} \pm 10\%$ with magnetic sheet	100KHz/0.25V	LCZ METER 1062B
3	DCR	S-F	$\leq 37\text{m}\Omega$	100KHz/0.25V	LCZ METER 502B
4	Q	S-F	≥ 75	100KHz/0.25V	LCZ METER 502B

PREPARED BY/DATE	CHECKED BY/DATE
Huang Yanming Nov. 16, 2024	Huang jinhua Nov. 16, 2024