



SPECIFICATION FOR APPROVAL

CUSTOMER:	"Core News Core"
CUST P/N:	
FINE P/N:	G43-6.7UH Single coil 0.08*105P*12TS
DESC:	Φ43.0MM 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	

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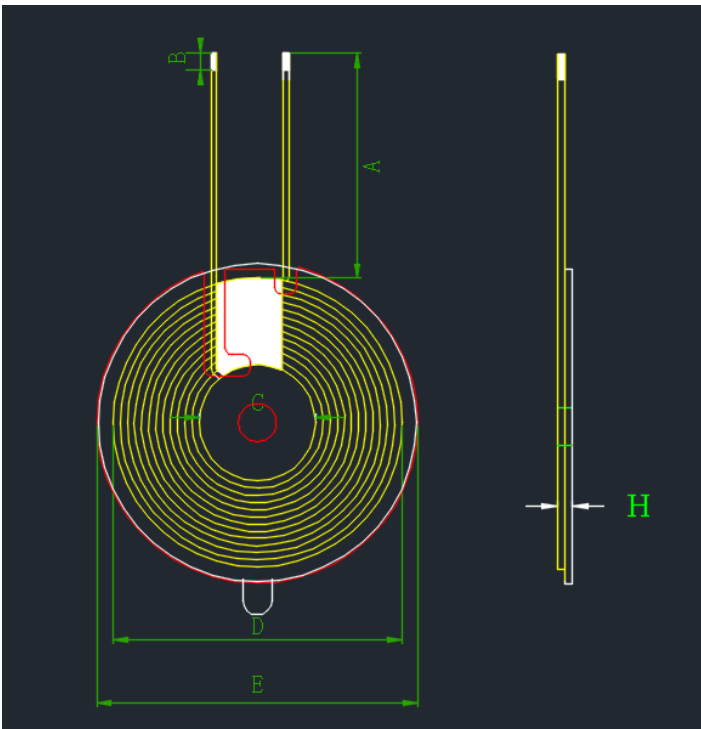
Version Change History

[illegible]

SPECIFICATION

DESC	Φ 14x40-6.7uH-0.08x105P-8mm		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

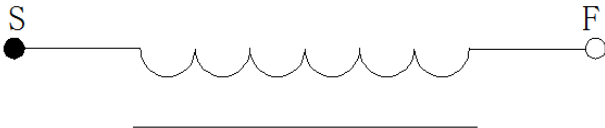
Note:

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 ± 0.4mm, the inner hole is 5.0mm, and the thickness is 0.8 ± 0.1mm.

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±10℃, RELATIVE HUMIDITY:65±20%

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	3.8uH ±20% Single Coil	100KHz/0.25V	LCZ METER 1062B
2	IND.	S-F	6.7uH ±10% with magnetic sheet	100KHz/0.25V	LCZ METER 1062B
3	DCR	S-F	≤37mΩ	100KHz/0.25V	LCZ METER 502B
4	Q	S-F	≥75	100KHz/0.25V	LCZ METER 502B

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