

APPROVAL SHEET

SPECIFICATION FOR APPROVAL

CUSTOMER:	Wanghai Electronics
CUST P/N:	
FINE P/N:	G43.5-6.5uH Single Coil 0.08*24*2P*10TS
DESC:	Φ 43.5MMX5.0MMX0.0.6MM
DATE:	2024/11/13
Version:	A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Huang Yanming	Ning Yuan'an	Huang Jinhua	

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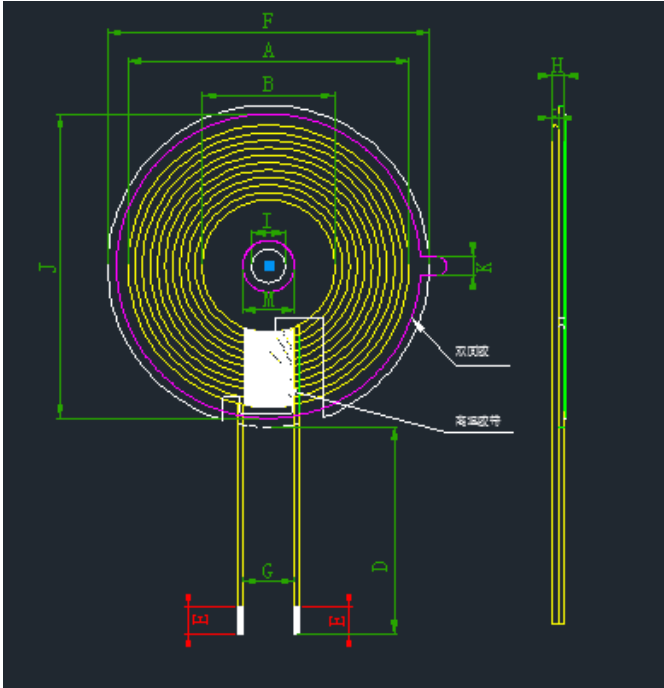
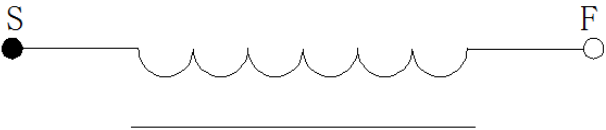
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VERSION CHANGE HISTORY

[illegible]

SPECIFICATION

DESCRIPTION:	Φ 20.5x38.5-6.5uH-0.08x24X2P-40mm-43	Rev: A.0	CUST:	XXX
DESC	.5C		CUST P/N:	
一、 DIMENSION:(mm)			A	38.5±0.5
			B	21±0.5
			C	1.25 Max
			D	25±2
			E	3±2
			F	43.5±0.5
			G	8.0 ref
			H	1.6 Max
			I	5.3 ref
			M	8.0 ref
			J	41±1
			K	3.0±1
二、 SCHEMATIC DIAGRAM:			Notes:	
			1. Cross-wire output.	
			2. Wire position: Wrapped 8mm (Ref) width with high-temperature tape (1-2Ts).	
			3. Coil attached to circular hard magnetic sheet with back adhesive. Magnetic sheet dimensions: 43.5±0.5mm outer diameter, 5.3mm inner hole, thickness 0.6±0.2mm.	

3.Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	Self-bonding wire $0.08 \times 24 \times 2P$	10Ts	CCW

3.ELECTRICAL CHARACTERISTICS:

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

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	$3.8\mu\text{H} \pm 10\%$ (Single Coil)	100KHz/0.25V	LCZ METER 1062B
2	IND.	S-F	$6.5\mu\text{H} \pm 10\%$ (With Magnetic Sheet)	100KHz/0.25V	LCZ METER 1062B
3	DCR	S-F	$\leq 85\text{m}\Omega$	100KHz/0.25V	LCZ METER 502B
4	Q 值	S-F	≥ 38	100KHz/0.25V	LCZ METER 502B

PREPARED BY/DATE	CHECKED BY/DATE
Huang Yanming 2024/11/13	Huang Jinhua 2024/11/13