

SPECIFICATION FOR APPROVAL

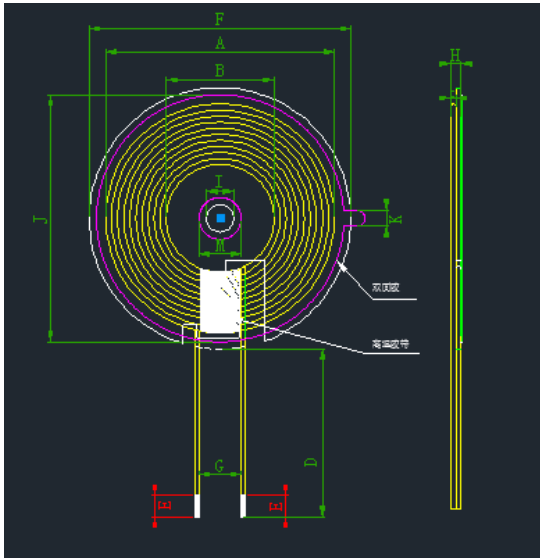
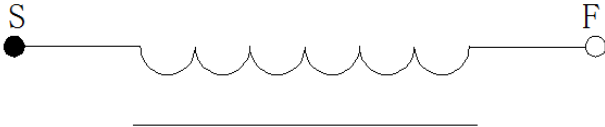
CUSTOMER:	Neutral Cunda [Shenzhen] Intelligent Co., Ltd
CUST P/N:	ZLGD-A1-0443
FINE P/N:	G41.5-6.8uH Single coil 0.08*24P*2P*10TS
DESC:	Φ 41.5MMX5.3MMX0.5MMSlotting
DATE:	2025.08.07
Version:	A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
郭柳	安帅印	安帅印	

Version Change History

[illegible]

SPECIFICATION

DESC	Φ 20.5x39-6.8uH-0.08x24P*2P-10mm	Rev: A.0	CUST:	Zhong li guan da																														
			CUST P/N:	ZLGD-A1-0443																														
1、 DIMENSION:(mm) 			A	39±1.0																														
			B	20.5±0.5																														
			D	10±2																														
			E	3±1																														
			F	41.5±0.5																														
			G	10±1.0																														
			H	1.5±0.2																														
			I	5.0±0.3																														
			M	7.0±1.0																														
			J	40±1																														
			K	3.0±1																														
			2、 SCHEMATIC DIAGRAM: 			Note: 1.Cross out of the line; 2.The outlet position is wrapped with 10mm (ref) width high-temperature adhesive tape 1-2Ts; 3.The coil adheres to the round hard disk with slots, the disk size is 41.5±0.5mm, the inner hole is 5.3mm, and the thickness is 0.5±0.1mm. 4.Operating temperature≤100℃																												
3、 Winding Specification:																																		
<table><tr><td>NO.</td><td colspan="2">TERMINAL</td><td>WIRE</td><td>Turns</td><td>Winding Direction</td></tr><tr><td>1</td><td>S</td><td>F</td><td>Silk-wrapped thread 0.08*24P</td><td>10Ts</td><td>CCW</td></tr></table>			NO.	TERMINAL				WIRE	Turns	Winding Direction	1	S	F	Silk-wrapped thread 0.08*24P	10Ts	CCW																		
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4、 ELECTRICAL CHARACTERISTICS:																																		
TEMPERATURE:25±10℃, RELATIVE HUMIDITY:65±20%																																		
<table><tr><td>NO.</td><td>ITEM</td><td>TERMINAL</td><td>SPECIFICATION</td><td>TEST FREQUENCY</td><td>TEST EQUIPMENTS</td></tr><tr><td>1</td><td>IND.</td><td>S-F</td><td>4.0uH ±0.3 Individual coils</td><td>100KHz/1.0V</td><td>LCZ METER 1062B</td></tr><tr><td>2</td><td>IND.</td><td>S-F</td><td>6.8uH ±0.3Add coils</td><td>100KHz/1.0V</td><td>LCZ METER 1062B</td></tr><tr><td>3</td><td>DCR</td><td>S-F</td><td>≤98m Ω</td><td>100KHz/1.0V</td><td>LCZ METER 502B</td></tr><tr><td>4</td><td>Q</td><td>S-F</td><td>≥42</td><td>100KHz/1.0V</td><td>LCZ METER 502B</td></tr></table>			NO.	ITEM	TERMINAL			SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS	1	IND.	S-F	4.0uH ±0.3 Individual coils	100KHz/1.0V	LCZ METER 1062B	2	IND.	S-F	6.8uH ±0.3Add coils	100KHz/1.0V	LCZ METER 1062B	3	DCR	S-F	≤98m Ω	100KHz/1.0V	LCZ METER 502B	4	Q	S-F	≥42	100KHz/1.0V	LCZ METER 502B
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