
Antenna specification

CUSTOMER:

CUST P/N:

FINE P/N:

G43-6.5UH Single coil 0.08*24P*2P*10TS

DESC:

Φ43.5MMX5.3MMX0.8MM

DATE:

2023.08.15

Version:

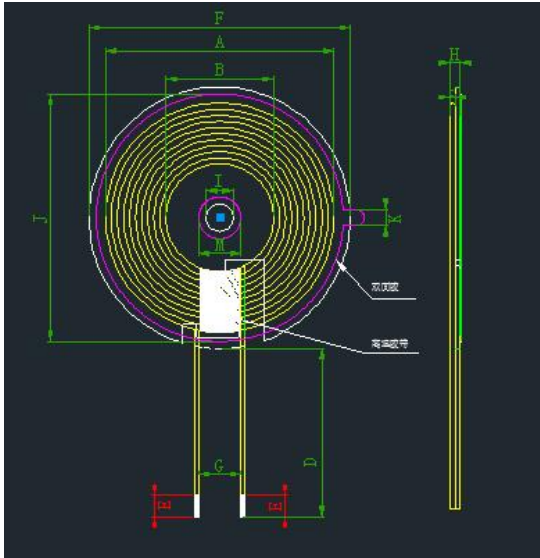
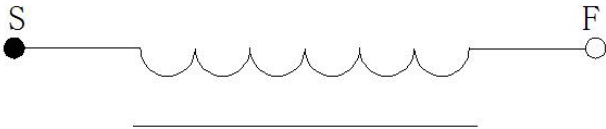
A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE

Shenzhen Sansheng Chuang electronic Technology Co., LTD

Factory address: 2nd Floor, No. 19, Dayang Road, Yulu Community, Yutang Street, Guangming District, Shenzhen

SPECIFICATION

DESC	Φ 20.5x40-6.5uH-0.8x24P-30mm	Rev: A.0	CUST:	XXX																															
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1、 DIMENSION:(mm) 			A	40±1																															
			B	20.5±0.5																															
			C	1.25																															
			D	30±2																															
			E	3±2																															
			F	43.5±0.5																															
			G	10																															
			H	1.8																															
			I	5.3 ±0.5																															
			M	8.0																															
			J	42±1																															
K	3.0±1																																		
			Note: 1. Cross out wire; 2. Wrap 8mm(ref) width high-temperature adhesive paper 1-2Ts around the outlet position; 3. The coil is attached to the circular hard magnetic disc with groove, the magnetic disc size is 43.5±0.5mm, the inner hole is 5.3mm, and the thickness is 0.8±0.1																																
2、 SCHEMATIC DIAGRAM:  Frequency range:113kHz-205kHz Antenna gain:0dBi																																			
3、 Winding Specification: <table><tr><th>NO.</th><th colspan="2">TERMINAL</th><th>WIRE</th><th>Turns</th><th>Winding Direction</th></tr><tr><td>1</td><td>S</td><td>F</td><td>Hot air wire 0.08*24P</td><td>10Ts</td><td>CCW</td></tr></table>			NO.	TERMINAL		WIRE	Turns	Winding Direction	1	S	F	Hot air wire 0.08*24P	10Ts	CCW																					
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4、 ELECTRICAL CHARACTERISTICS: TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20% <table><tr><th>NO.</th><th>ITEM</th><th>TERMINAL</th><th>SPECIFICATION</th><th>TEST FREQUENCY</th><th>TEST EQUIPMENTS</th></tr><tr><td>1</td><td>IND.</td><td>S-F</td><td>4.0uH ±10%</td><td>100KHz/1.0V</td><td>LCZ METER 1062B</td></tr><tr><td>2</td><td>IND.</td><td>S-F</td><td>6.5uH ±10%</td><td>100KHz/1.0V</td><td>LCZ METER 1062B</td></tr><tr><td>3</td><td>DCR</td><td>S-F</td><td>≤80m 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 ±10%	100KHz/1.0V	LCZ METER 1062B	2	IND.	S-F	6.5uH ±10%	100KHz/1.0V	LCZ METER 1062B	3	DCR	S-F	≤80m Ω	100KHz/1.0V	LCZ METER 502B	4	Q	S-F	≥42	100KHz/1.0V	LCZ METER 502B			
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