Antenna specification

CUSTOMER:				
CUST P/N:				
FINE P/N:		G43-6.5UH Single coil 0.08*24P*2P*10TS		
DESC:		Ф43.5MMX5.3MMX0.8MM		
DATE:		2023.08.15		
Version:		A.0		
PREPARED BY	CHECK	ED BY	APPROVED BY	CUSTOMER APPROVE

Shenzhen Sansheng Chuang electronic Technology Co., LTD

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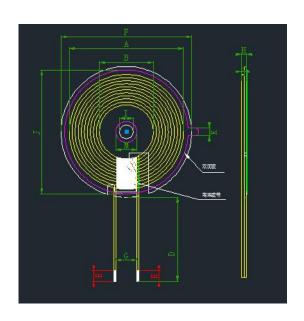
Version Change History

Rev.	Before Change	After Change	Change Date	Approved By
A.0			2023.08.15	
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SPECIFICATION

DESC	Φ20.5x40-6.5uH-0.8x24P-30mm	Rev: A.0	CUST:	xxx
		11011110	CUST P/N:	

1、DIMENSION:(mm)



2、SCHEMATIC DIAGRAM:



For phone/headphone: 113kHz-205kHz

Antenna gain: OdBi

40 ± 1 A 20.5 \pm 0.5 В C 1.25 D 30 ± 2 3 ± 2 Е F 43.5 ± 0.5 G 10 Н 1.8 5.3 ± 0.5 Ι M 8.0 42 ± 1 J 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

3. Winding Specification:

NO.	TERM	INAL	WIRE	Turns	Winding Direction
1	S	F	Hot air wire 0.08*24P	10Ts	CCW

4, ELECTRICAL CHARACTERISTICS:

TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20%

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

PREPARED BY/DATE	CHECKED BY/DATE		
2023.08.15	2023.08.15		