

承認書

SPECIFICATION FOR APPROVAL

客 戶:
CUSTOMER:

海芯

客 戶 料 號:
CUST P/N:音 澤 料 號:
FINE P/N:

G50*0.8-20.5-#-10TS-6.8UH-L50MM+BJ

產 品 型 號:
DESC:

Φ 50MMX0.8MM

日 期:
DATE:

2024/09/11

版 本:
Version:

A.0

擬制 PREPARED BY	審核 CHECKED BY	批准 APPROVED BY	客戶承認 CUSTOMER APPROVE
何立成	马莉	但可清	

东莞市音泽电子科技有限公司

Dongguan Yinzhe Electronic Technology Co., LTD

工廠地址：东莞市茶山镇兴韩路（创富中心城）2 栋 901 号

Factory Address: No. 901, Building 2, Chuangfu Central City,

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TEL: 18617251159

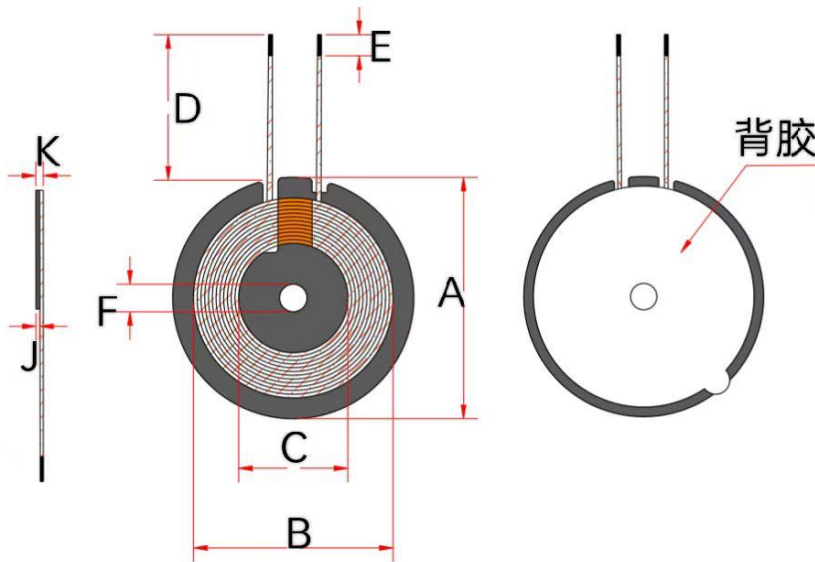
Version Change History

[illegible]

SPECIFICATION

產品型號: DESC	G50*0.8-20.5-#-10TS-6.8UH- L50MM+BJ	版本 Rev: A.0	客戶 CUST:	海芯
			客戶料号 CUST P/N:	

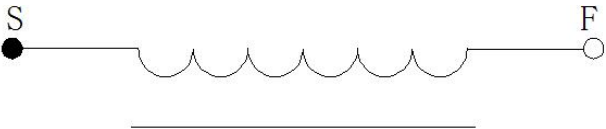
一、尺寸 DIMENSION:(mm)



A	50±0.5
B	40.5±0.5
C	20.5±0.5
D	50±2
E	3±2
F	5.3±0.2
K	0.8±0.05
J	≤2.3
I	

注:
1.交叉出线;
2.线圈贴双槽磁片,磁片尺寸
50±0.5mm,,厚度为 0.8±0.05mm.
3.磁片背面贴背胶

二、原理图 SCHEMATIC DIAGRAM:



三、绕线参数 Winding Specification:

序号 NO.	端子 TERMINAL		线径 WIRE	圈数 Turns	绕线方向 Winding Direction
1	S	F	丝包线#	10Ts	CCW

四、电气特性 ELECTRICAL CHARACTERISTICS:

温度 TEMPERATURE:25±10℃, 湿度 RELATIVE HUMIDITY:65±20%

序号 NO.	项目 ITEM	端子 TERMINAL	标准 SPECIFICATION	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS
1	IND.	S-F	3.7uH ±10%单独 线圈	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	6.5uH ±10%加磁 片	100KHz/1.0V	LCZ METER 1062B

3	DCR	S-R	$\leq 110\text{m}\Omega$		LCZ METER 502B
	DCR	Q	≥ 39.5	100KHz/1.0V	LCZ METER 1062B

5.MATERIAL LIST:

NO	ITEM	DESCRIPTION	RATING	SUPPLIERS	UL NO.	REMARK
1	WIRE	丝包线#	155℃	Guangdong Xinju wire Co., LTD		
2	SOLDER	99.3/0.7		Dongguan Feiquan electronic material Co., LTD		
3	CORE	G50*0.8-20.5-#(开LI双槽)		Huizhou Huibo Cheng Electronics Co., LTD		
4	EPOXY	1603HFR-HS		Dongguan Wan He new material Co., LTD		
5	TAPE	PI 260℃		Dongguan die cut charm sound Co., LTD		

- 1.Tested at 1.0Kz0.25vrms,0 AaC
Average current for 40 temperature rise from25℃
- 2.Saturaion current(Isat):Inductance drop:10% typ at Isat.
- 3.Heat rating current(Irms):3L@IrmS=AT≤40℃.
- 4.Electrical specifcations at25℃
- 5.Storage Temp:-40℃+85℃
- 6.Operating Temp:-40℃+85℃

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何立成 2024.09.11	