

**SPECIFICATION FOR APPROVAL**

**CUSTOMER: Zhongshan Honglan Electronic Technology Co., Ltd**

**CUST P/N:**

**MP-A2**

**FINE P/N:**

**MPA2 single-coil 0.08\*105P\*12TS**

**DESC:**

**Φ 50MMX5.0MMX1.0MM**

**DATE:**

**2023/01/03**

**Version:**

**A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Huang Yanming	Ning Yuanan	Huang Yanming	

**Shenzhen Songdao Technology Co., Ltd**

Factory address: 8th Floor, Building 2, Sanjia High tech  
Industrial Park, 123 Junfa 3rd Road, Dongkeng Town, Dongguan  
City

TEL: 13728755750

FAX: 0755-84526500

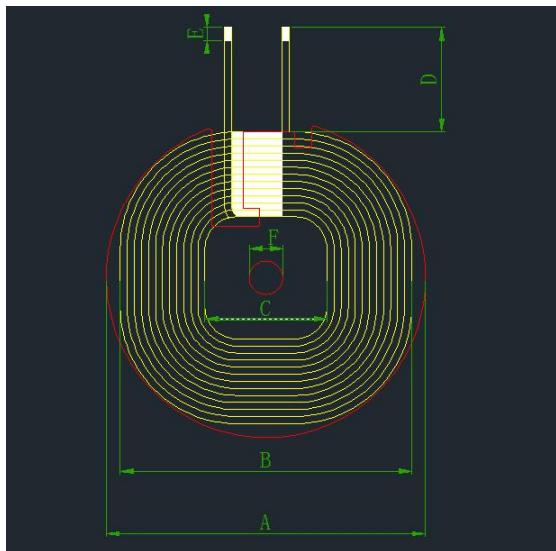
E-mail: 506388681@qq.com

## Version Change History

SPECIFICATION

DESC	$\Phi$ 19.5x19.5x48-9.5uH-0.08x105-35mm-5 0C	Rev: A.0	CUST:	XXX
			CUST P/N:	

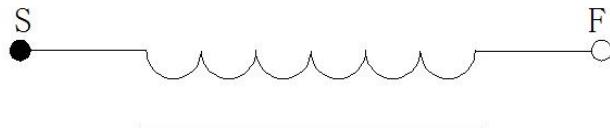
## 一、 DIMENSION:(mm)



A	$50.0 \pm 1.0$
B	$48 \pm 0.5$
C	$19.5 \pm 0.5$
D	$35 \pm 2$
E	$4 \pm 2$
F	$5.3 \pm 0.1$

## Note:

## 二、 SCHEMATIC DIAGRAM:



1. Cross outgoing line;
2. Wrap 9mm (ref) wide high-temperature adhesive tape around the outlet position 1-2Ts;
3. Coil with circular hard magnetic disc slot, magnetic disc size 50  $\pm 1$ mm, Inner pore 5.3mm, Thickness is  $1.0 \pm 0.2$ mm, Stick back adhesive

## 三、 Winding Specification:

NO.	TERMINAL	WIRE	Turns	Winding Direction
1	S F	silk covered wire 0.08*105P	12Ts	CCW

## 四、 ELECTRICAL CHARACTERISTICS:

TEMPERATURE:25 $\pm$ 10°C, RELATIVE HUMIDITY:65 $\pm$ 20%

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	5.9uH $\pm$ 20%Individual coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	9.5uH $\pm$ 10%Adding magnetic disks	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	$\leq 55$ mΩ	100KHz/1.0V	LCZ METER 502B
4	Q	S-F	$\geq 90$	100KHz/1.0V	LCZ METER 502B

PREPARED BY/DATE	CHECKED BY/DATE
Huang Yanming 2023/01/03	Huang Jinhua 2023/01/03