

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
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Shenzhen Songdao Technology Co., Ltd

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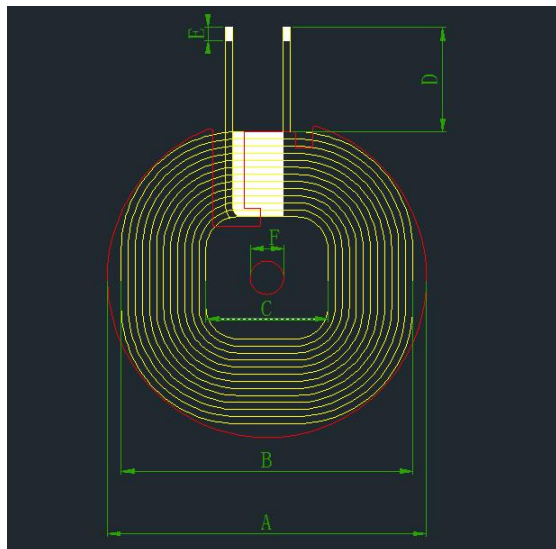
Version Change History

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SPECIFICATION

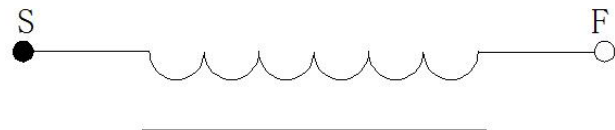
DESC	Φ 19.5x19.5x48-9.5uH-0.08x105-35mm-5 0C	Rev: A.0	CUST:	XXX
			CUST P/N:	

一、DIMENSION:(mm)



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

二、SCHEMATIC DIAGRAM:



Note:

- 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 ±1mm, Inner pore 5.3mm, Thickness is 1.0±0.2mm, 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±10°C, RELATIVE HUMIDITY:65±20%

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

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Huang Yanming 2023/01/03	Huang Jinhua 2023/01/03