

SPECIFICATION

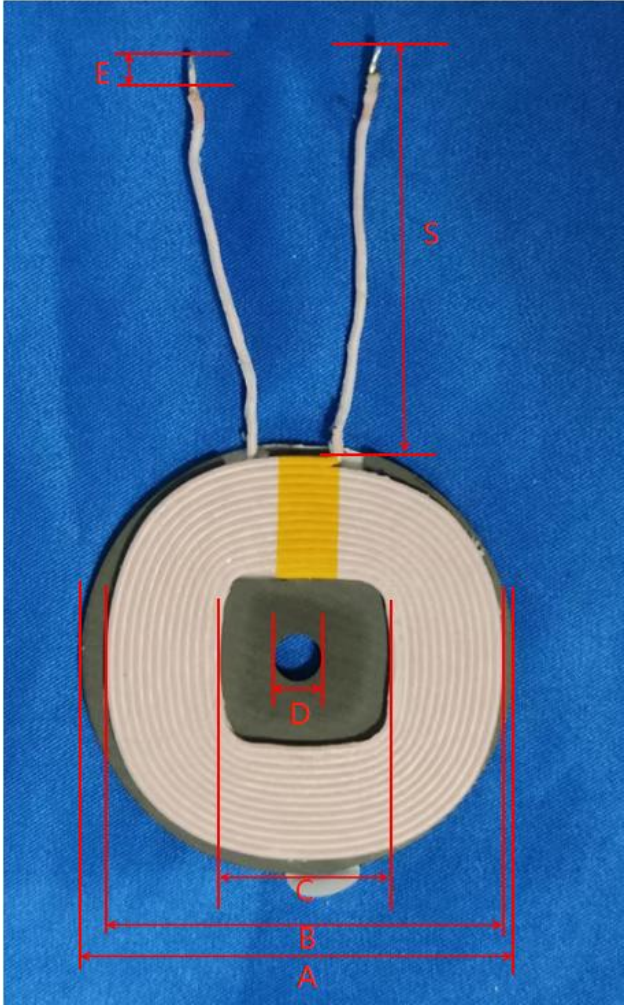
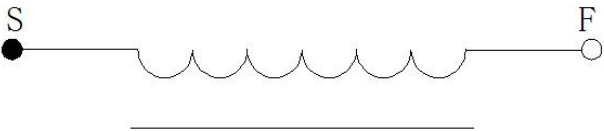
Manufacturer	Dongguan Taishen Electronics Co., Ltd.
Address	4th Floor, No. 1, Alley 5, Dihao Street, Baiguodong, Zhangmutou Town, Dongguan, Guangdong, China
Product name:	MPA2-10uH
Model name:	MPA2-10uH
DATE:	2023/06/06
Version:	A.0

Version Change History

[illegible]

SPECIFICATION

DESC	Φ 19.5x45-6.5uH-0.1x24PX2P-45mm	Rev:	A.0
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一、 DIMENSION:(mm) 	A	49.5 ± 0.25
	B	45 ± 1
	C	19.5 ± 0.5
	D	5.5 ± 0.3
	E	3 ± 1
	S	45 ± 2
二、 SCHEMATIC DIAGRAM: 	Note: 1. Cross outgoing line; 2. Wrap 7mm (ref) wide high-temperature adhesive tape 1-2Ts around the outlet position; 3. The coil is attached to a circular hard magnetic disk with slots, with a magnetic disk size of 49.5 ± 0.25mm, an inner hole of 5.5mm, and a thickness of 1.0 ± 0.1mm. The total thickness is 2.2 ± 0.2mm	

三、Winding Specification:

NO.	TERMINAL	WIRE	Turns	Winding Direction
1	S	F	Hot air line 0.1*24PX2	10Ts

四、ELECTRICAL CHARACTERISTICS:

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

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	3.8uH ±20%Individual coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	6.5uH ±10%Adding magnetic disks	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	≤90m Ω	100KHz/1.0V	LCZ METER 502B
4	Q	S-F	≥39	100KHz/1.0V	LCZ METER 502B

PREPARED BY/DATE	CHECKED BY/DATE
2023/06/06	2023/06/06