

SPECIFICATION APPROVAL

产品型号： D E S T:	Ø13.8*0.08*105P*12TS- 6.5UH-5mm/44*0.8双槽	版本： VERSION:	V0	客 户：	
				客户料号：	

一、尺寸 DIMENSION: (mm)

The technical drawing illustrates the dimensions of a toroidal inductor. It includes three views: a top view, a side view, and a cross-sectional view. The top view shows a circular toroid with a central hole and two leads. Dimensions A and B are indicated across the top view. The side view shows the toroid's profile with dimensions C and D. The cross-sectional view shows the toroid's cross-section with dimensions E, F, G, and H. Dimension I is the lead length, J is the lead diameter, K is the lead thickness, and L is the lead width.

A	5.3±0.5
B	44-0.5
C	13.8±0.5
D	39.5±1
E	12/+2.5
F	3±1.5
G	0.8±0.1
H	2.4 Max
I	
J	
K	
L	

制定/日期 PREPARED BY/DATE	审核/日期 CHECKED BY/DATE
2023. 12. 21	2023. 12. 21

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二、原理图 SCHEMATIC DIAGRAM:					
S F					
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	0.08*105P丝包线	12TS	逆时针

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	3.6UH±10%单线圈	100KHZ/1V	LCZ METER1062B
2	IND	S-F	6.5UH-6.8UH带磁片	100KHZ/1V	LCZ METER1062B
3	DCR	S-F	50mΩ MAX	1KHZ/1V	TH2810
4	Q值	S-F	52MIN	100KHZ/1V	LCZ METER1062B

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