

承 认 书

SPECIFICATION FOR APPROVAL

客 户
CUSTOMER:客 户 料 号:
CUST P/N:天 夏 料 号:
TX P/N:

TX-WPCX-D42.5*0.8*7UH

产 品 型 号
DESC:18.2*39-0.07*100P-11TS-9mm-
D42.5*0.8双槽带背胶日 期
DATE:

2025/05/18

版 本:
Version:

A.0

拟制 PREPARED BY	审核 CHECKED BY	批准 APPROVED BY	客户承认 CUSTOMER APPROVE
曾伟浩	张燕	罗勇军	

深圳市天夏科技有限公司

Shenzhen Tianxia Technology Co., Ltd.

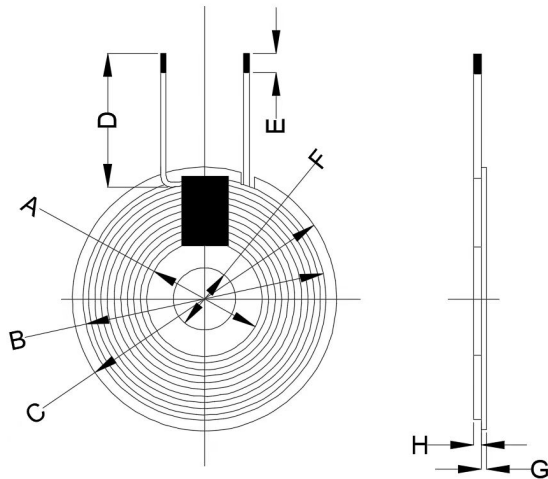
地址：深圳市宝安区33区C33科创园523-525室

Address:Room 523-525, C33 Science and Technology
Innovation Park, 33rd District, Bao'an District,
Shenzhen City

SPECIFICATION

产 品 型 号:	18.2*39-0.07*100P-11TS-		客户CUST:	
DESC	9mmD42.5*0.8双槽带背胶-7uh	Rev: A.0	客户料号 CUST P/N:	

一、尺寸 DIMENSION:(mm)



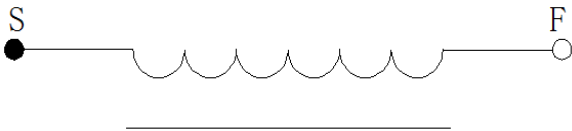
Operation Frequency	110-205KHz
Antenna Type	Loop coil antenna
Antenna gain:	0dBi
We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.	

A线圈内径	18.2±0.5mm
B线圈外径	39.0±0.5mm
C磁片外径	42.5±1mm
F磁片内径	5.3±0.5mm
D引线长度	9±2mm
E浸锡长度	3mm±1.5mm
H厚度	2.2mmMAX

注:

- 1.线圈交叉出线
- 2.线圈非平面
- 3.总体度2.2mmMAX以内;
- 4.双线浸锡。

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	0.07*100P	11Ts	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	4.5 uH±10% 单独线圈	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	7.0 uH±10%带磁片	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	600mΩ Max		LCZ METER 502B

拟制/日期 PREPARED BY/DATE	审核/日期 CHECKED BY/DATE
曾伟浩 2025/05/18	张燕 2025/05/18