

Acknowledgement

SPECIFICATION FOR APPROVAL

client

CUSTOMER:

vertical plane

Product Name:

CUST P/N:

TX-Wireless Charging Transmitter Coil Module

Tianxia part
number: TX P/
N:

Product model:

DESC:

Round 25 soft magnetic cylinder-0.08*24P-13TS-170MM-6.8UH-positive magnet

date :

DATE:

2025/08/7

edition :

Version:

A.0

Prepared by:	Audited by	Approved by	The customer acknowledges the approval (CUSTOMER APPROVE).
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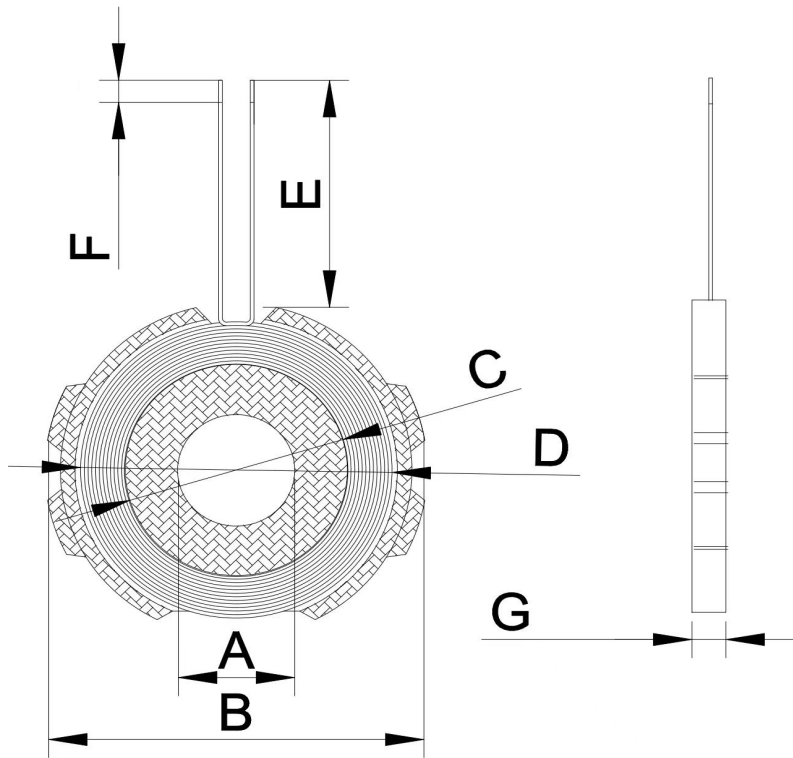
Version Change History

[illegible]

SPECIFICATION

Product type: DESC	Round 25 soft magnetic cylinder-0.08*24P-170MM-6.8UH	Rev: A.0	Client CUST:	Vertical plane
			Customer part number CUST P/N:	

1. Dimensions (mm):



A	$7.5 \pm 0.5\text{mm}$
B	$25 \pm 0.5\text{mm}$
C	$14 \pm 0.5\text{mm}$
D	$20.5 \pm 0.5\text{mm}$
E	$170 \pm 2\text{mm}$
F	$3 \pm 1\text{mm}$
G	$2.4 \pm 0.5\text{mm}$

Pour :

1. The coils are drawn out in parallel.

2. The back of the magnetic disc is coated with adhesive.

II. SCHEMATIC DIAGRAM



3. 7.5*2.0 magnetic center

3. Winding Specifications:

Order number NO.	Terminal		Wire diameter	Number of turns Turns	Winding Direction
1	S	F	0.08*24P	13Ts	Anticlockwise

4. Electrical Characteristics:

Temperature: $25 \pm 10^\circ\text{C}$, Relative Humidity: $65 \pm 20\%$

Order number NO.	Project ITEM	Terminal TERMINAL	Standard SPECIFICATION	Test condition TEST FREQUENCY	Measuring and test instruments TEST EQUIPMENTS
1	IND.	S-F	$3.0\mu\text{H} \pm 10\%$ single coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	$6.8\mu\text{H} \pm 10\%$ with magnetic sheet	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	$150\text{m}\Omega$ Max	100KHz/1.0V	LCZ METER 502B

Prepared by/Date	Reviewed/Date CHECKED BY/DATE
Chen Chengjia 2025/08/7	Zhang Yan 2025/08/7