



PRODUCT SPECIFICATION FOR APPROVAL

CUSTOMER: Shenzhen 2D Four Elephant Intelligent Technology Co., LTD

PRODUCT NAME: Wireless Charging Transmitter Coil

PART No.:

PRODUCT SPEC:

Inductance: $6.3\mu\text{H} \pm 10\%$
Shielding spec: 33*35*0.2 soft ferrite material
Wire spec: 2 UEW/155 0.08*60*15Ts (8mm inner diameter)
Segment Length: 120mm
Double-sided tape on shielding side
3mm High Temperature Adhesive Tape

DATE: 2025/08/29

VERSION: REV 1.0

Revision	Modified Content	Principle	Date	Note
REV 1.0	First release-English Version	Xiaoju Zhou	2025-08-29	
PREPARED BY		CHECKED BY	APPROVED BY	

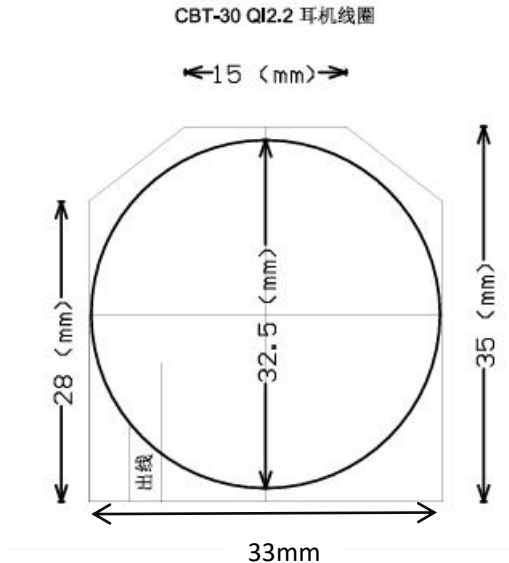
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Attached is the product specification , any questions, please timely feedback to us, thank you!

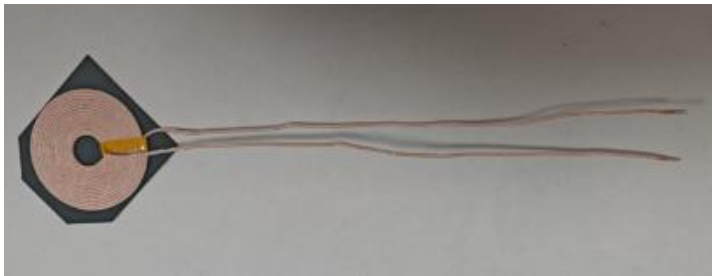


SPECIFICATION

一、Shielding Specification:

	Allowable error range	$\pm 0.5\text{mm}$
	Shielding Thickness	$0.2\text{mm} \pm 0.02\text{mm}$

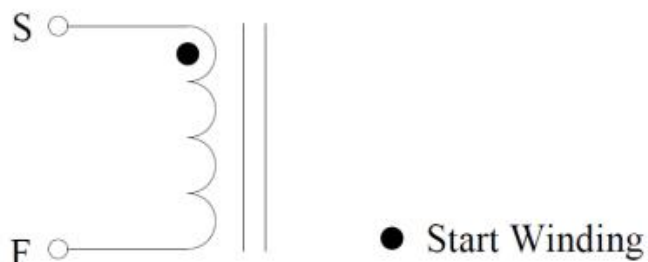
二、Coil Specification:

	Coil Outer Diameter	$31 \pm 1.5\text{mm}$
	Coil Inner Diameter	$8 \pm 0.5\text{mm}$
	Length of the Line	$120\text{mm} \pm 3\text{mm}$
	Pin Length	$2-5\text{mm}$
	Shielding Shape	Customized



Shenzhen Chenxing Electronic Technology Co., Ltd.

三、Schematic:



四、Coil Parameter:

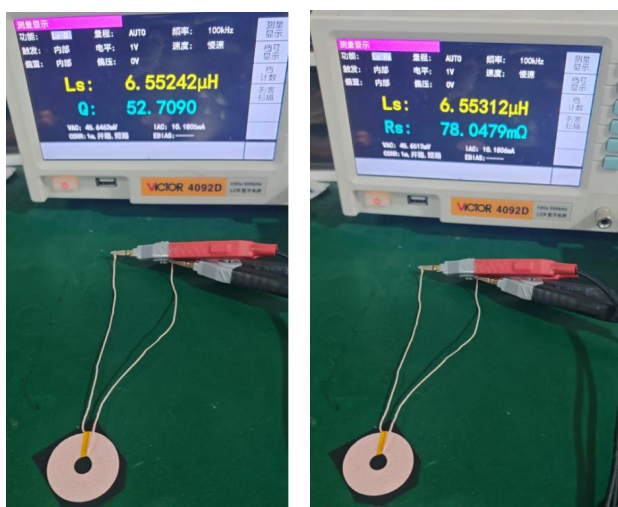
TERMINAL		WIRE	Turns	Winding Direction
S	F	2UEW/155 0.08*60	15Ts	CCW

五、Electrical Specification:

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

ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
IND.	S-F	L: 6.3uH±10% Q: >40	100KHz/1.0V	Victor 4092D

六、Product Picture:



Company: ShenZhen Chenxing Electronic Technology Co., Ltd.

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