



PRODUCT SPECIFICATION FOR APPROVAL

CUSTOMER:

PRODUCT NAME: Wireless charging coil

PART No.: 1.11.06.04065201

PRODUCT SPEC:

Inductance: $6.5\mu\text{H} \pm 10\%$
Shielding spec: $40 \times 5.3 \times 0.8$ with a straight groove
Wire spec: 2 UEW/155 $0.08 \times 24 \times 2 \times 12$ Ts (14mm inner diameter)
Segment Length: 40mm with 35mm heat-shrink tube
3mm high temperature gold finger
Double Sided Adhesive Tape on shielding side
Rated current: 3A

DATE: 2026/09/10

VERSION: REV 1.0

Revision	Modified Content	Principle	Date	Note
REV 1.0	First release-English Version	Xiaoju zhou	2026-09-10	
PREPARED BY		CHECKED BY		APPROVED BY
Authorized signature & company chop				

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



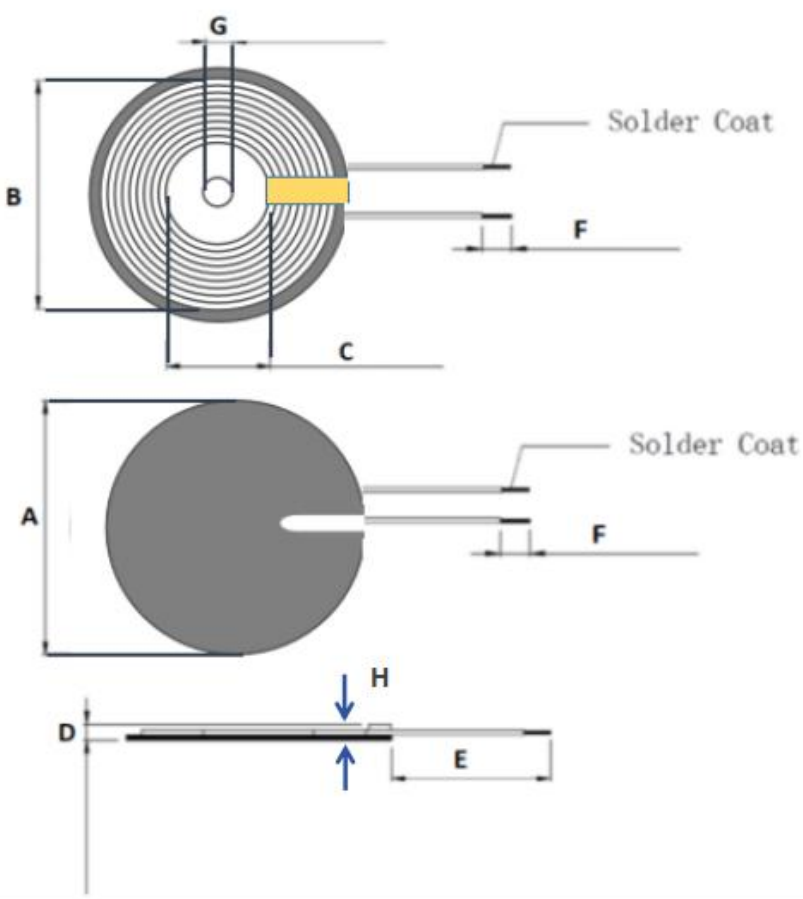
Version Change History

版本记录 Revision	变更前 Before change	变更后 After change	变更日期 Date	批准 Approval by
REV 1.0			2026.09.10	Xiaoju Zhou



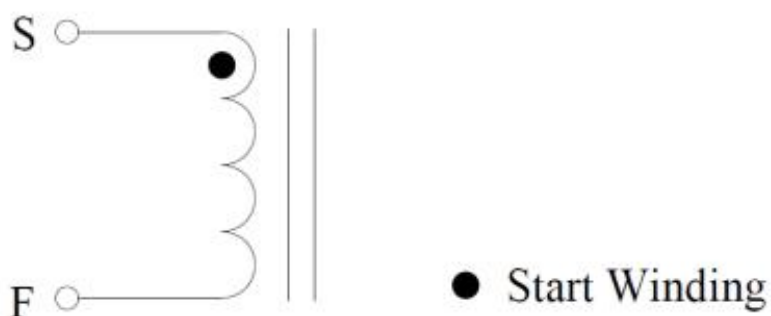
SPECIFICATION

一、Dimension specification:

	Shielding Outer Diameter A	$39.5 \pm 0.5\text{mm}$
	Shielding Inner Diameter G	$5.3 \pm 0.3\text{mm}$
	Coil Outer Diameter B	$37.5 \pm 1.5\text{mm}$
	Coil Inner Diameter C	$14 \pm 0.5\text{mm}$
	Thickness D	$< 1.6\text{mm}$
	Total Thickness H	$< 1.8\text{mm}$
	Segment Length E	$40\text{mm} \pm 2\text{mm}$
	Pin Length	$3 \pm 2\text{mm}$
	Adhesive Tape	Double Sided Adhesive Tape on shielding side
	High temperature gold finger tape	3mm



二、Schematic:



三、Coil specification

TERMINAL		WIRE	Turns	Winding Direction
S	F	0.08*24*2P	12Ts	CCW

四、Electrical Specification:

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

ITEM	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
L	6.5uH±10%	100KHz/1.0V	VICTOR 4092D
Q	>35		

五、Environment character

ITEM	SPEC
Operating Temperature and Humidity	-30°C-80°C/30%-90%
Storage Temperature and Humidity	-40°C-90°C/30%-90%



六、Material List

Items	Materials	SPEC
1	Wire	0.08*24p 2UEW
2	Shielding	40*5.3*0.8with a straight groove
3	Glue	White emulsion
4	Tin	Environmentally friendly lead-free materials
5	Double Sided Adhesive Tape	Double Sided Adhesive Tape on shielding side , with tear-off slot
6	gold finger	3mm high temperature golden finger
7	heat-shrink tube	35mm *2 PCS

七、Figure

