



Shenzhen Chenxing Electronic Technology Co., Ltd.

Product Specifications

PRODUCT SPECIFICATION FOR APPROVAL

Customer Name:
CUSTOMER

Energy Stack

Product Name:
PRODUCT NAME

Transmitter coil

Material code: **PART**
No.

Specifications:
PRODUCT SPEC

Inductance: 7.2uH±10% Wire

specification: 0.08*80*11Ts (18.5mm inner diameter) Magnetic

sheet specification: 41.5*5.3*0.8 double slots + 18*0.8 small

magnetic sheet Wire

length: 55mm 3mm high temperature tape/single slot wire

dayExpect:

DATE

August 26, 2024

version model:
VERSION

REV 1.0

Version	Changes	Responsible Person	date	Remark
Revision	Modified Content	Principle	Date	Note
REV 1.0	Initial release	Xue Lei	2024-08-26	

PREPARED BY	CHECKED BY	APPROVED BY

Customer approval signature and seal		
Authorized signature & company chop		

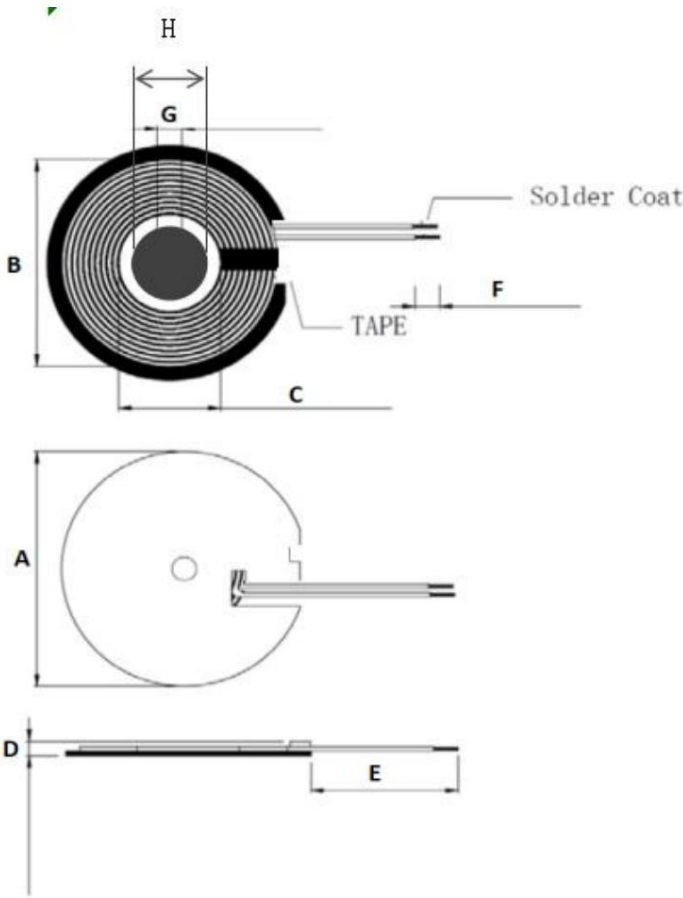
Attached is the product specification. If you have any questions, please give us feedback in time. Thank you!



Product Specifications

SPECIFICATION

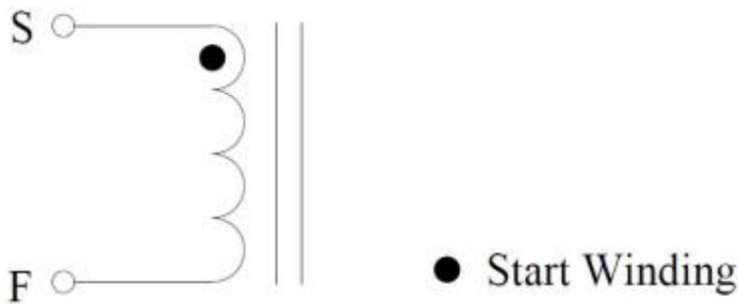
1. Product size

	Magnetic sheet diameter A	41.5±0.5mm
	Coil outer diameter B	39.5±1mm
	Coil inner diameter C	18.5±0.5mm
	Product thickness D	2mm(max)
	Outlet length E	55mm±3mm
	Solder length F	3±1mm
	Magnetic plate opening diameter G	5±0.3mm
	Small magnetic separator outer diameter H 18°0.8mm round	
	Magnetic sheet thickness	0.8±0.05mm
	High temperature tape width	3 mm
	Magnetic shape	Round double groove
	Adhesive thickness	No adhesive



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2. Schematic diagram



3. Winding parameters

Terminals		Wire diameter	Number of taps	Winding direction
TERMINAL		WIRE	Turns	Winding Direction
S	F	2UEW 0.08*80P	11Ts	CCW

4. Electrical characteristics

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

project	Terminals	standard	Test conditions	Test Equipment
ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
IN.	S-F	Lý7.2uH±10% Qýý70 Rý<60mohm	100KHz/1.0V	LCZ METER 1062B

5. Materials List

Serial number	Material	Specification
1	Wire	0.08*80p 2UEW-hot air copper wire
2	Magnetic disk	41.5*5.3*0.5 double slots + 18*0.8 small disc
3	glue	Water-based white latex
4	Tin Bar	Environmentally friendly lead-free
5	adhesive tape	3mm high temperature tape

Company Name: Shenzhen Chenxing Electronic Technology Co., Ltd.

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6. Product pictures (refer to coil only)

