



PRODUCT SPECIFICATION FOR APPROVAL

CUSTOMER

Gaoyu Wei

PRODUCT NAME

Power Transmitter for Apple Watch

PART No.

PRODUCT SPEC

Inductance Spec: 7.7uH±10%

Shielding spec: KP24.5*2.6mm soft shielding with rubber

Silk covered wire spec: 2 UEW/155 0.08*24*13Ts

Segment Length: 9mm

Double side Type: 3M 9448A

Magnet Spec: 7.8*2mm Electroplating with Zinc

DATE

April 12, 2023

VERSION

REV1.0

Revision	Modified Content	Principle	Date	Note
REV 1.0	First release	Xue Lei	2023-04-12	

PREPARED BY	CHECKED BY	PPROVED BY

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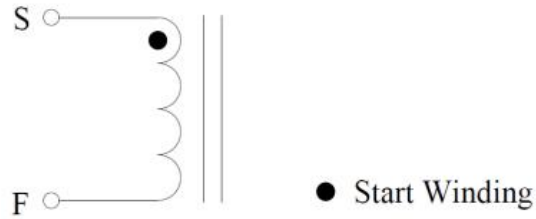
SPECIFICATION

一、Product size

	Shielding Outer Diameter Max (A)	25±0.5mm
	Shielding Thickness (B)	2.6±0.2mm
	Shielding Outer Diameter Min (C)	23.7±0.4mm
	Shielding Inner Diameter (D)	21±0.5mm
	Inner Hole Outer Diameter (E)	13.5±0.2mm
	Shielding Cylinder Height (F)	2.3±0.25mm
	Inner Hole Inner Diameter (H)	7.7±0.4mm
	Pin Length (I)	3.0±0.2mm
	Segment Length (J)	9mm±2mm
	Magnet Spec	7.8*2.0±0.1mm
	Adhesive Tape	3M 9448A
Antenna Gain	0dBi	



二、schematic diagram



三、Winding parameters

TERMINAL		WIRE	Turns	Winding Direction
S	F	silk wire 0.08*24P	13Ts	CCW

四、Electrical characteristics:

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

ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
IND.	S-F	7.7uH±10%	100KHz/1.0V	LCZ METER 1062B