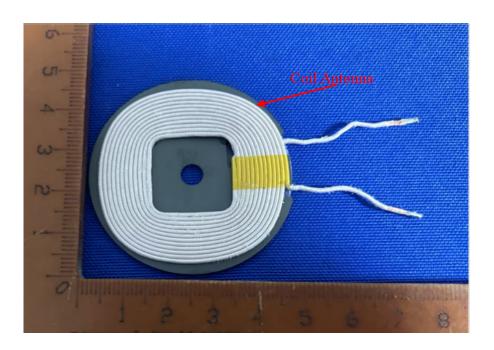
# **Antenna**

### 1、Dimentions(unit: mm)



#### Note:

- 1. Wind the coil around the magnetic sheet with dimensions of  $50\pm1$ mm, inner hole of 5.3mm, and thickness of  $1.0\pm0.2$ mm. The magnetic sheet should have an L-shaped groove.
- 2. The coil's lead wire should be wrapped with high-temperature adhesive tape with a winding width of 8mm  $\pm 0.5$ .
- 3. Attach a regular double-sided adhesive with hand-tear feature to the back of the magnetic sheet, with a circular diameter of 49mm (ref) and an inner hole of 6.0mm (ref).

## 2. Electrical performance

Project	Standard	Test	Test instrument	remarks
inductance	7.8uH±20% standalone coil	100KHZ,1V	LCZ METER 1062B	Coil type
Inductance 1	10.0uH±10% with magnetic plate	100KHZ,1V	LCZ METER 1062B	Measuring type with magnetic sheet
Resistance(DCR)	≤60mΩ	@25°C	LCZ METER 502B	
Q value	85.0 (ref) with magnetic plate	100KHZ,1V	LCZ METER 1062B	

## Appearance requirements:

- 1) The shape and size of products shall be strictly controlled
- 2) The product surface is free of oil, impurities, burrs, etc
- 3) Materials cannot be changed without customer's confirmation
- 4) The product must meet Rosh requirements