



## Specification

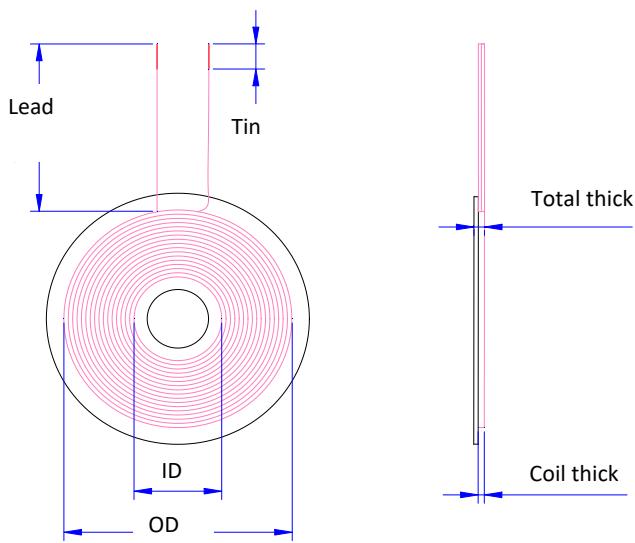
|         |             |
|---------|-------------|
| Number  | ZY9204-1001 |
| Version | A/0         |
| Page    | 1/1         |

|          |                       |      |                                     |           |    |
|----------|-----------------------|------|-------------------------------------|-----------|----|
| Customer | ZY9204                | Wire | Sample wire: 2USTC-INB/155 0.07*24P | Machine   |    |
| Item     | Wireless charger coil | Spec | 10x0.07x24px9.6uH+Ferrite           | Direction | CW |

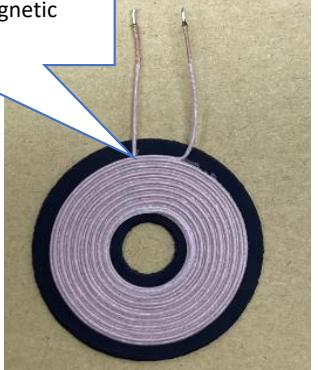
### 1. Specification (Unit:mm)

| Item        | Turns | L<br>120KHZ/1V | DCR<br>25°C | ID    | OD    | Coil thick | Total thick<br>(Include lead) | Lead<br>(From coil) | Tin |  |
|-------------|-------|----------------|-------------|-------|-------|------------|-------------------------------|---------------------|-----|--|
| Standard    | 18TS  | 9.6uH          | 200mΩ       | 10    | 26    | 0.9        | 1.75                          | 20                  |     |  |
| Tolerance   | Fixed | +10%/-5%       | ±10%        | ±0.3  | ±1    | MAX        | MAX                           | ±2                  | 2-4 |  |
| Sample data | 18TS  | 9.97           | 203         | 10.03 | 25.70 | 0.62       | 1.68                          | 21                  | 3   |  |

### 2. Drawing



Before assembly, gently flatten the winding wire and then attach the magnetic sheet. The winding wire should be attached to the magnetic sheet downwards.



### 3. BOM

| Material | Specification   | Unit      | Usage    | Supplier | Mark |
|----------|---|-----------|----------|----------|------|
| WIRE     | 0.07*24P (USTC WIRE)                                    | g         | 1.1      |          |      |
| Ferrite  | OD30.1±0.2*ID7±0.2*thick0.2<br>(one piece 3M9448A tape) | pcs       | 1        |          |      |
| Glue     | 530   | g         | 0.03     |          |      |
| OPP bag  | 90x55mm   | pcs       | 2pcs/bag |          |      |
| Version  | Content   | Date      |          | Remark   |      |
| A/0      |   | 2023/12/9 |          |          |      |

### Approval

| Maek | Audit | Approval | Customer confirm |  |
|------|-------|----------|------------------|--|
| 尹艺   |       |          |                  |  |