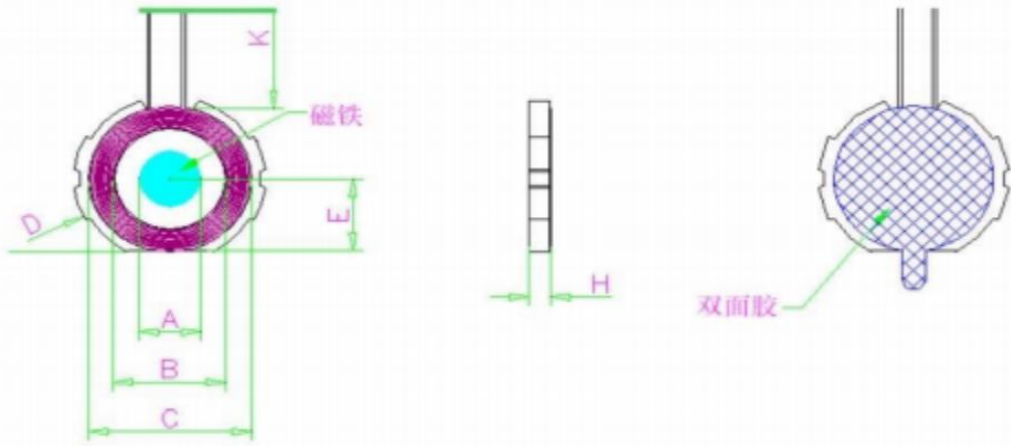


| Watch charging coil product specification | | | | | | |
|---|---------------------|-------------------------|----------------|--|--|----|
| brand | Apple Inc | | Material type | C962 | versions | 01 |
| <div>◆ 、outline drawing</div> <div></div> | | | | (unit: mm) | | |
| | | | | A | 7.6 ± 1.0 | |
| | | | | B | 14.5 ± 1.0 | |
| | | | | C | 20.7 ± 1.0 | |
| | | | | D | 25.0 ± 1.0 | |
| | | | | E | 9.7 ± 1.0 | |
| | | | | K | 8.0 ±2.0 | |
| | | | | H | 2.8 ±0.3 (including film thickness) | |
| | | | | remark | | |
| | | | | (1) Wire diameter: 0.08*24P twisted wire, single-wire double-layer winding | | |
| | | | | (2) Coil around 12 times | | |
| | | | | (3) Add back glue at the bottom | | |
| | | | | (4) Whether the starting and ending lines cross: Yes | | |
| | | | | (5) Place N52-7.5*2.2 strong in the middle of the coil Magnetic,2800-- 3000GS | | |
| ◆ 、electrical specification: | | | | | | |
| parameter | Spec | | TEST FREQUENCY | TEST EQUIPMENTS | | |
| L(W1) | 6.5± 10% | μ H | 100KHz/1V | ■TH2816B ■CH-502BC ■TH1816B | | |
| DCR(W1) | <200 | mΩ | @ 25℃ | | | |
| Q | >20 | min | 100KHz/1V | | | |
| ◆ 、temperature grade: | | | | | | |
| operating temperature | -40℃~ 125℃ | | | | | |
| bill of materials | | | | | | |
| NO | Material name | Material Code | Vendor code | Description | | |
| 1 | magnetic sheet | 25*2.8 Hard magnetic | | | | |
| 2 | twisted wire | 0.08*24P | | twisted wire | | |
| 3 | Glue | Black double-sided tape | | Eco-friendly adhesive paper | | |
| 4 | N52 strong magnetic | 7.5*2.2 | | magnet | | |
| 5 | Tin | 107H | | Thousand island environmental tin | | |
| 6 | Glue | Yellow gum | | eco-friendly adhesive | | |

| | |
|---|-------------------|
| Operation Frequency | 300-350KHz |
| Antenna Type | Loop coil antenna |
| Antenna gain: | 0dBi |
| We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required. | |