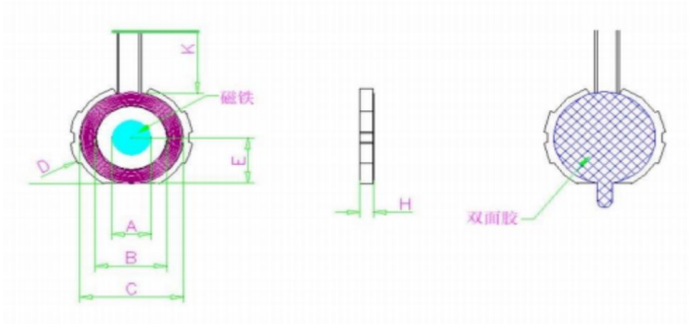
Watch charging coil product specification

DONGGUAN KIMCHEN INDUSTRYINTLLIMITED

brand	Coil type	J30-000035-001		Material type		versions	Ci

♦、outline drawing



(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 10 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

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