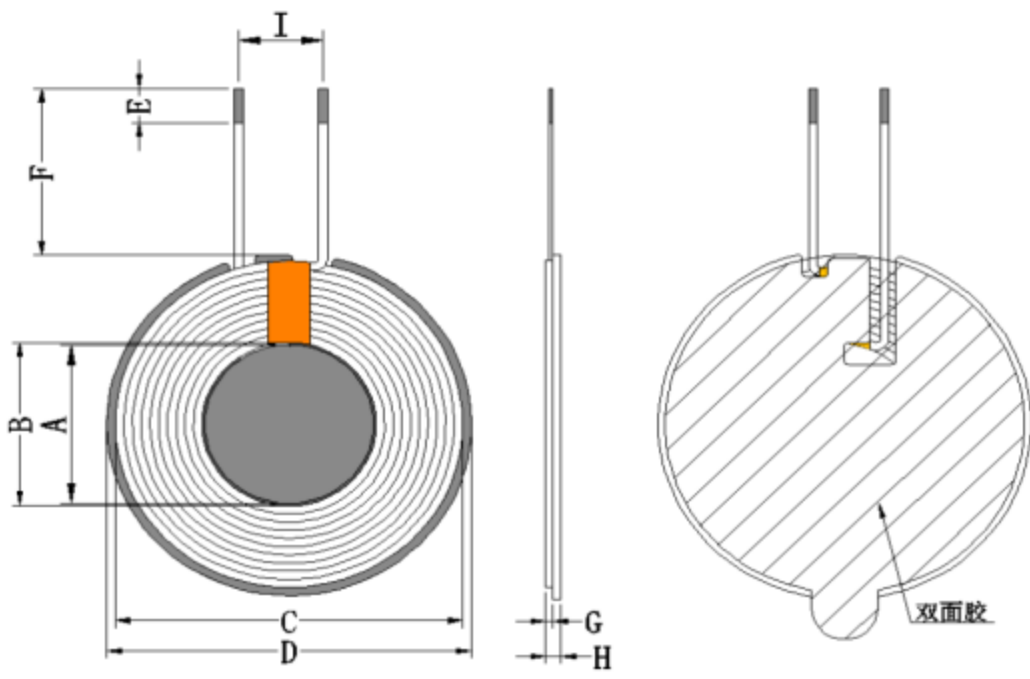


Watch charging coil product specification

brand	Apple Inc		Material type	C962	versions	01
◆ 、 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 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	
DCR(W1)	<200	mΩ	@ 25℃		■CH-502BC	
Q	>20	min	100KHz/1V		■TH1816B	
◆ 、 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		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		

15W mobile phone charging coil product specification

brand	Apple Inc	Coil type	All	Material type	C222X	versions	01
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						(unit:mm)	
						A	20±0.5
						B	20.5±0.5
						C	40±1
						D	43+0/-1
						E	3±1
						F	25±1
						G	0.8±0.05
						H	2.2MAX
						I	5±2
						remark	
						(1)Wire Dia: 0.08*80P Stranded wire	
						(2)Turns:10Ts	
						(3)Wdg. TypeSpred/Close: (Close)	
						(4)IntersectYes/Not:Yes	
						(5)Coil Positive/Anti Paste:Anti/-Paste	
						(6)Wdg.Direction: Anticlockwise	

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℃
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bill of materials

NO	Material name	Material Code	Vendor code	Description
1	wire rod	JX-2U-F-0025	ZY	0.08*80P Stranded wire
2	ferrite	GCP-T-00189	KL	G43 (+0-1) *5.3*0.8±0.1H (with hole, with double slot L slot)
3	3M double-sided tape	SMJ-T-0064	WY	40*0.08H (no hole, top right slotted with hand tear)
4	insulating tape	High-temperature adhesive paper 5MM	JRM	5mm
5	Glue	E7202W	HZY	JS-E7202(thickened) white glue
6	tin bar	Lead-free high temperature tin strip	XC	Environmentally friendly lead-free solder bar
7	minicycle	GCP-T-0080	HBC	round20*0.8H
8	Small double-sided tape	SMJ-T-0056	WY	15*0.08H (with hand tear)