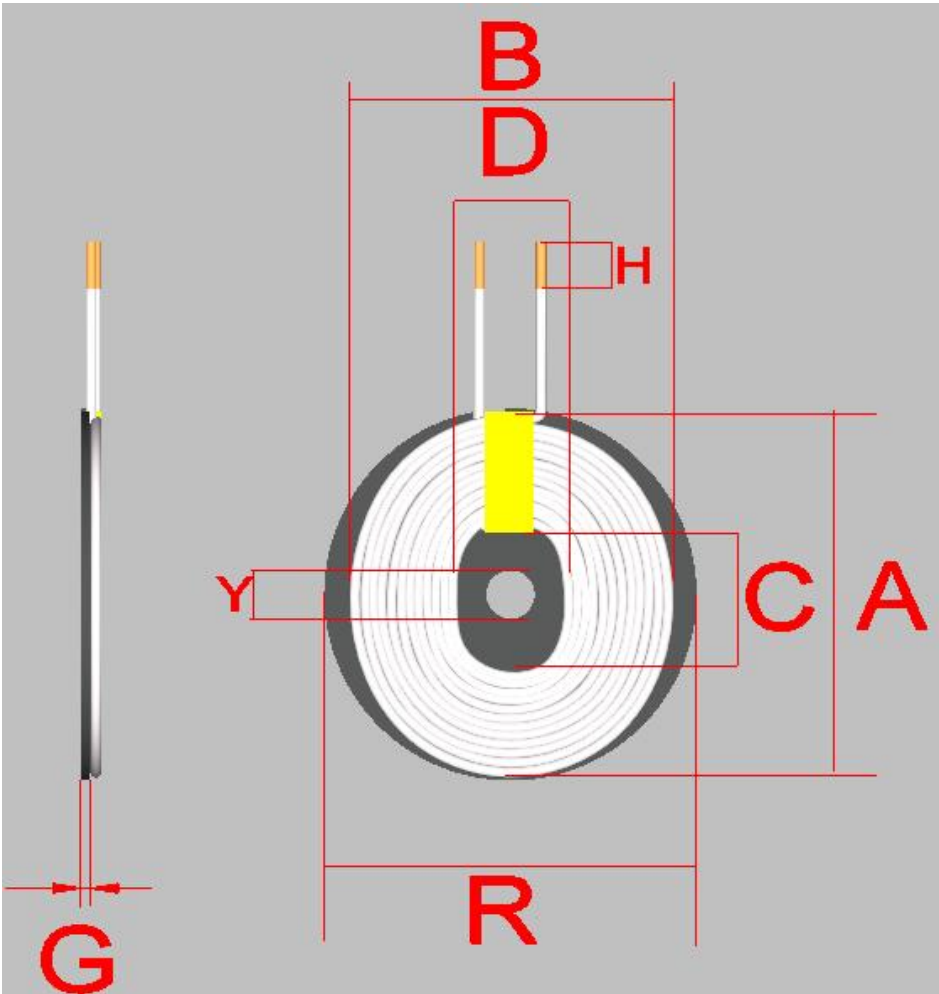


Antenna specification

產品型號: DESC	Phone coil	Operation frequency:	113kHz-205kHz
		Antenna gain:	0dBi

一、尺寸 DIMENSION:(mm)



A	37±1.0
B	32±1.0
C	15±0.5
D	11±0.5
Y	5.0±0.5
R	40±1.0
G	0.8±0.1
H	3 ±1.0

Note:
1. Cross cables.
2. Wrap 8mm(ref) width high-temperature adhesive paper 1-2TS.
3. The coil is attached to a circular hard magnetic disc with a groove, the magnetic disc size is 50+1mm, the inner hole is 5.3mm, and the thickness is 0.8±0.1mm

二、原理图 SCHEMATIC DIAGRAM:



三、绕线参数 Winding Specification:

序号 NO.	端子 TERMINAL		线径 WIRE	圈数 Turns	绕线方向 Winding Direction
1	S	F	silk-covered wire 0.07*100P	12Ts	CCW

四、电气特性 ELECTRICAL CHARACTERISTICS:

温度 TEMPERATURE:25±10℃, 湿度 RELATIVE HUMIDITY:65±20%

序号 NO.	项目 ITEM	端子 TERMINAL	标准 SPECIFICATION	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS
1	IND.	S-F	4.0uH ±0.3 Individual coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	6.5uH ±0.3 Magnetized sheet	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	≤58mΩ	100KHz/1.0V	LCZ METER 502B
4	Q	S-F	≥67	100KHz/1.0V	LCZ METER 502B