

Product specification

Customer name	XYX		
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Dongguan Dingzhi electronic technology Co., LTD

number	DZ-RC25-K7.7-L7MM	Specification	202307026001	edition	01
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◆、Overall dimension

The diagram shows a circular component with a central blue circle. Dimensions are indicated by green lines and labels: A (inner diameter), B (middle diameter), C (outer diameter), D (total diameter), E (height of the central part), K (height of the outer ring), and H (height of the double-sided tape). Labels include 'magnet' (磁铁), 'Double-sided tape' (双面胶), and 'Double-sided glue' (双面胶).

(unit: mm)

A	7.6 ±1.0
B	14.5 ±1.0
C	21.5 ±1.0
D	25.0 ±1.0
E	9.7 ±1.0
K	7.0 ±2.0
H	2.7 ±0.3

备注remark

- (1) Wire diameter: 0.08*24P twisted wire, single-wire double-layer winding
- (2) Coil around 13 times
- (3) Add back glue at the bottom
- (4) Whether the starting and ending lines cross: Yes
- (5) Placed in the middle of the coil

N52-7.5*2.2 strong magnetic,2800--3000GS

◆、electrical characteristics:				
argument	specification		Test condition	Testing instrument
L(W1)	7.7 ±5%	μH	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:				
number	name	specification	supplier	remark
1	Magnetic	25*2.8Hard magnetic		
2	tranded wir	0.08*24P		Stranded 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 glue