

Coil Antenna 3 (Watch) Specifications

	OJD	Material no. 0			
Material no.	DZ-RC24-K8.1-L12MM	SPEC NO	20220402002	Version	01
◆、外形尺寸 		(Unit: mm)			
		A	24.0 ±1.0		
		B	13.5 ±1.0		
		C	7.4*2.2		
		D	1.2 ±0.05		
		E	2.0 ±1.0		
		F	12.0 ±2.0		
		J	0.1 ±0.1		
		J	2.3 ±0.2(With film thickness)		
		Remark			
(1) Wire diameter: 0.08*24P twisted wire, single double winding method					
(2) The coil is wound 13 times					
(3) add back glue at the bottom					
(4) Whether the starting and tail lines are crossed: both					
(5) N52-7.4*2.2 strong magnetic field,2700GS, is placed in the middle of the coil					
(6) Whether the starting and tail lines are crossed: both					
◆、Electrical characteristics:					
Parameter	Specifications	Test conditions	Test equipment	Antenna gain	
L(W1)	8.1 ±5% μH	100KHz/1V	■TH2816B	0	
DCR(W1)	<120 mΩ	@ 25℃	■CH-502BC		
Q	>20 min	100KHz/1V	■TH1816B		
◆、Temperature grade:					
Operating temperature	-40℃~ 125℃				
◆、List of Materials:					
S/N	Product name	Material specifications	Supplier	Remark	
1	Disk	24*2.3 Soft magnetic			
2	Stranded wire	0.08*24P		Stranded wire	
3	3 m adhesive	20 3M		Green tape	
4	Strong N52 magnetic	7.4*2.2		Magnet	
5	Tin	107H		Environmental protection tin	
6	Glue	Xanthan gum		Environmental protection glue	
7	Glue	Super glue		Environmental protection glue	