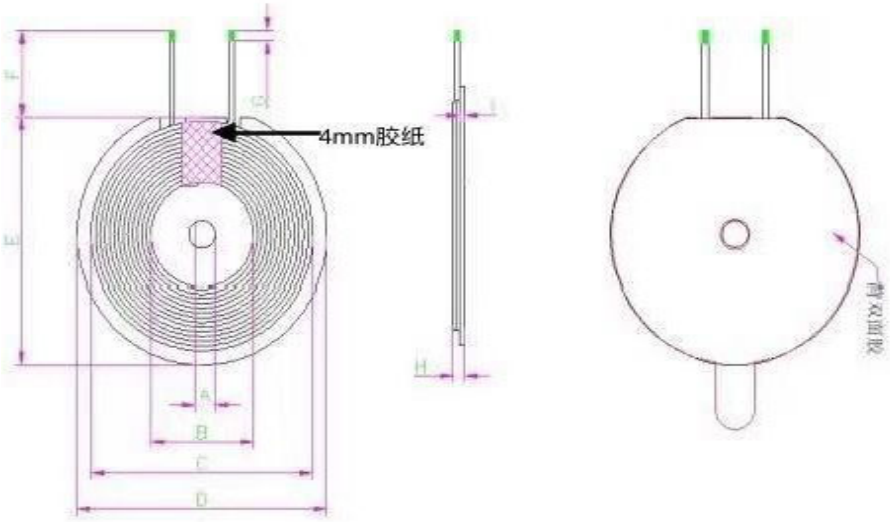
PRODUCTION SPECIFICATION

CUSTOMER	WORLD-DECO	NO.			
PARTY. NO	TX-DZ43.505.300.65-K6.5-L32	SPEC .NO.	202403011001	Ver. No.	01

♦、SIZE



(mm)	
A	5.2 ±0.5
B	20.0 ±1.0
C	38.5 ±1.5
D	43.5 ±1.0
E	43.0 ±1.0
F	32.0 ±2.0
G	3.0 ±2.0
I	0.65 ±0.2
H	1.70 ±0.4

(1) Wire diameter: 0.08 * 24P * 2P enameled wire

(2) Number of coils wound: 10TS

(3) Does the starting and ending lines intersect: Yes

(4) Coil pack 4mm wide high-temperature tape

(5) The coil and magnetic sheet need to be pasted and centered

(6) Magnetic backing 42 round white glue

♦、Electrical characteristics:

Parameter	Spec.	Test conditions	Testing instruments
L0	6.5 ±10% μH	100KHz/1V	■TH1816B
Q	>20 min	100KHz/1V	■TH1816B
DCR	<80 mΩ	@ 25℃	■CH-502BC

Temperature level:

Operate temp.	-40℃~ 125℃

、**Material List:**

No.	Name	Material spec.		Remarks			
1	Magnet	43.5*5.3*0.65T 开双槽		PC40			
2	Wire	0.08*24P*2P					
3	Tape	4MM					
4	Glue	42 Whitr glue					
5	Tin	107H					

Technical requirements： (The magnetic force of the magnet is 2800 gauss)

1.Fix the thread to prevent loose and broken wires.

2.According to customer's requirements, the long wire ends will be cut and tinned, and the tinning depth is 2±1MM.

3． Dot appropriate white glue on the soft magnetic sheet and attach the coil. During the process, make sure the surface of the product is clean and tidy.

4. The soft magnetic sheet used has round holes and is not damaged.

Additional process (according to customer's requirements): Install a 7.8x2.0mm magnet in the middle hole of the finished product and a black film close to the size of the magnet is affixed to the back of the finished products.

Electrical parameter:

1.Inductance parameter，Q parameter：

PIN S — F = 5.4uH ±0.2UH

Q parameter≥28

The above inductance parameter are based on Quanhua 1062A instrument, with 10KHZ/0.3Vrms as the standard or equivalent instrument.

The Q parameter is based on Quanhua 1062A instrument, using 100KHZ/0.3Vrms as the standard or equivalent instrument