

Product specification document



Specificati on number	20230621001
availabilit y date	2023-6-21

customer name	Shenzhen Yixin Microelectronics Co., LTD
product type	25 Watch coil
Rui Li tong material number	RLT -RC 25-K 6.5-L 10MM
Customer material number	

☒ New version release, ☐ version revision] [This specification contains a total of 3 pages] [RoHS Compliant Parts]

authorized strength	examine and verify	ratify
Tian-tian zhang	/	Xu Chengrui

**Dongguan Ruilitong Electronic Technology
Co., LTD**

**Factory address: 3rd floor, No.2, Junpeng Road, Qingpu Qingyun Industrial
Zone, Tangxia Town, Dongguan City**

Tel.: 15024040018

This acceptance must be returned within 30 days of receipt by the customer, and the overdue production shall be deemed to be executed according to the standard of this acceptance.

[Customer Approval] Date:

Admission status: ☐ fully acknowledged ☐ conditional recognition ☐ refused to admit

ratify	examine and verify	recheck	check up

explain:

Product specification document

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Issue / Revision Records

editio n	availability date	Change the content / reason	approval
01	2023-6-21	New specifications issued	Xu Chengrui

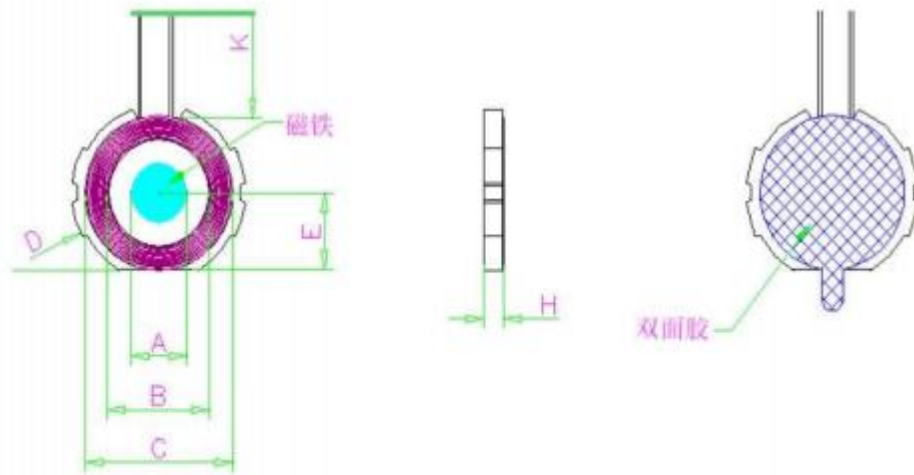
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Rui Li tong material number	RLT -RC 25-K 6.5-L 10MM	Specification number	20230621001	edition	01

◆, outline dimension

(Unit: mm)

A	7.6 ± 1.0
B	14.5 ± 1.0
C	20.7 ± 1.0
D	25.0 ± 1.0
E	.79 ± 1.0
K	.08 ± 2.0
H	.82 ± 0.3 (with film thickness)



remarks

- (1) Line diameter: 0.08 * 24P strand, single line and double layer winding method
- (2) The coil is circled for 12 times
- (3) Add back glue at the bottom
- (4) Whether the starting and tail line crosses: yes
- (5) N 52-7.5 * 2.2 in the middle of the coil, 2800- -3000GS

◆, Electrical characteristics:

parameter	specifications	test condition	measuring and test instruments
L (W 1)	6.5 ± 10% μ H	100KHz /1V	■TH 2816B
DCR (W 1)	<200 mΩ	@ 25℃	■ CH-502BC
Q	>20 min	100KHz /1V	■TH 1816B

◆, Temperature grade:

service temperature	-40℃~ 125℃
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◆, List of Materials:

order number	name of a part	material specification	supplier	remarks
1	magnetic sheet	25 * 2.8 Hard magnetic work		
2	stranded conductor	0.08*24P		stranded conductor

	or			
3	glue	Black double-sided glue		Environmental rubber paper
4	N 52 strong magnetic	7.5*2.1		magnet
5	tin	107H		Thousand island environmental protection tin
6	glue	Yellow gum		Environmental glue