

Product specification sheet



Specification No	20230621001
effective date	2023-6-21

Customer Name	深圳市壹芯微电子有限公司
product type	25手表线圈
No.	RLT-RC25-K6.5-L10MM

Prepared	Check	Approved
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Phone: 15024040018

Product specification sheet

Customer Name	Shenzhen Yixin Microelectronics Co., Ltd								
No.	RLT-RC25-K6.5-L10MM		Spec No.	20230621001	Ver.	01			
◆、Size						(单位: mm)			
						A 7.6 ±1.0			
						B 14.5 ±1.0			
						C 20.7 ±1.0			
						D 25.0 ±1.0			
						E 9.7 ±1.0			
						K 8.0 ±2.0			
						H 2.8 ±0.3(含膜厚)			
						Remark			
						(1) Wire diameter: 0.08 * 24P twisted wire, single wire double-layer winding method			
						(2) The coil is wound 12 times			
						(3) Bottom with adhesive backing			
						(4) Does the starting and ending lines intersect: Yes			
						(5) Place a strong magnetic field of N52-7.5 * 2.2 in the middle of the coil, 2800-3000GS			
◆、Electrical characteristics:									
parameter	specifications		Test conditions	testing instrument					
L(W1)	6.5 ±10%	μH	100KHz/1V	■TH2816B					
DCR(W1)	<200	mΩ	@ 25°C	■CH-502BC					
Q	>20	min	100KHz/1V	■TH1816B					
◆、Temperature rating:									
operate temperature	-40°C ~ 125°C								
◆、Bill of Material:									
No.	Name		spec	Remark					
1	Magnetic disc		25 * 2.8 hard magnetic						
2	Twisted wire		0.08*24P						
3	glue		Black double-sided tape						
4	N52 Strong Magnetism		7.5*2.1						
5	tin		107H						
6	glue		Yellow Glue						