

CUSTOMER

KFT-107

ROHS

SPECIFICATION FOR APPROVAL

MODEL NO. : RC 25X2.5-65mm-8.1uH-01

KEFEITE NO. : 79-M13(R25X2.5)-0.08X24PX14TS--65mm-8.1uH

CUSTOMER P/N: M16

DATE : 2022/08/15

REV : A1

✱Product complies with: ☒RoHS ☐PAHS ☐6P ☐REACH

PLEASE RETURN TO US COPY OF "SPECIFICATION FOR APPROVAL" WITH YOUR APPROVED SIGNATURES.

	"√"	CUSTOMER'S SIGNATURE	NOTE
FULL APPROVED			
CONDITIONAL APPROVED			
REJECTED			

SHENZHEN KEFEITE ELELECTRONICS CO., LTD

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SHENZHEN KEFEITE ELECTRONICS CO., LTD

CUSTOMER:	KFT-107	VERSION:	A1	
CUSTOMER NO:	M16 watch coil	PAGE:	2/4	
KFT P/N:	79-T28 (R25X2.5)-0.08X24PX14TS--65mm-8.1uH	Date:	2022/08/15	
VERSION	MODIFY THE CONTENT	Date	Drawn By	Checked By
A1	New version	2022/08/15	Hu Guoqiang	Zhou Miao

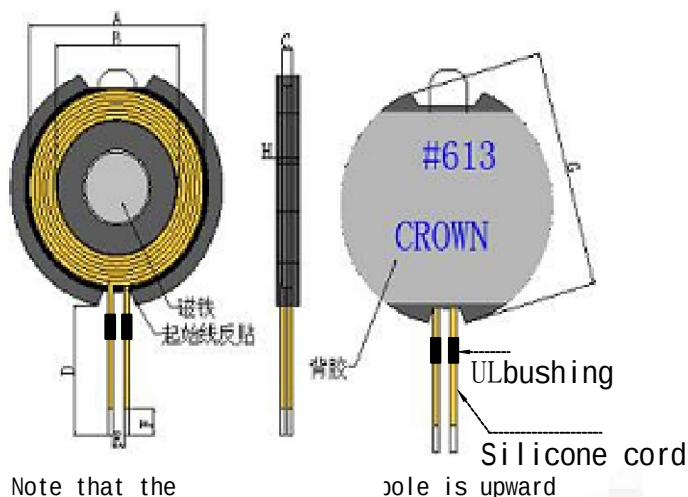
NOTES:



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CUSTOMER NO:	M16 watch coil	PAGE:	3/4
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1. CONFIGURATION&DIMENSIONS:



A	$20.9 \pm 1.0\text{mm}$
B	$14.9 \pm 0.5\text{mm}$
C	$1.1 \pm 0.2\text{mm}$
D	$65.0 \pm 1.5\text{mm}$
E	3.0ref
F	2~4mm
G	$24.5 \pm 1.0\text{mm}$
H	2.8MAX(不含离型纸)

2. ELECTRICAL CHARACTER:

atm	Specifications	Test conditions	Test instrument
Inductance	$4.8\mu\text{H} \pm 5\%$	100KHZ/1.0V	CH1062
Inductance	$8.1\mu\text{H} \pm 5\%$	100KHZ/1.0V	CH1062
(RDC)	163mΩ MAX	25℃	HG2512

3. SCHEMATIC



4. PART NUMBERING:PRODUCT IDENTIFICATION

79	T28(RC25X2.5)	0.08X24PX14TS	65mm	8.1uH	
					Inductance
					Line Length
					Wire Diameter
					Magnetic Sheet Specification
					Customer number

DRAWN BY:	CHECKED BY:	Q. C DEPT:	APPROVED BY:
Hu Guoqiang	Zhou Miao		Wan Jianjun



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5. MATERIAL LIST:

NO	ITEM	DESCRIPTION	RATING	SUPPLIERS	UL NO.	REMARK
1	WIRE	热风线	155℃	SHANTOU SHENGANG ELECTRICAL INDUSTRIAL CO., LTD	E239508	
2	SOLDER	99.3/0.7		SHENZHEN Hong Xing Wei solder Limited		
3	CORE	25/7.7/2.5		Changxing BO Cheng Electronics CO., LTD		
4	EPOXY	1603HFR-HS		DONGBU FINE CHEMICAL CO LTD		
5	Strong Magnet	7.8X2.5>3500GS		DONGBU FINE CHEMICAL CO LTD		

6. GENERAL SPECIFICATION:

1 Tested at 1.0KHZ/0.25Vrms, 0 Adc.

Average current for 40℃ temperature rise from 25℃.

2 Saturation current (Isat):

Inductance drop: 10% typ at Isat.

3 Heat rating current (Irms):

$L@Irms = \Delta T \leq 40^{\circ}\text{C}$.

4 Electrical specifications at 25℃

5 Storage Temp: -40℃....+85℃

6 Operating Temp: -40℃....+85℃

DRAWN BY:	CHECKED BY:	Q. C DEPT:	APPROVED BY:
Hu Guoqiang	Zhou Miao		Wan Jianjun