

CUSTOMER

KFT-107

ROHS

SPECIFICATION FOR APPROVAL

MODEL NO. : 27X8. 1-10uH-13mm-01

KEFEITE NO. : 107-27X8. 1-0. 06X65PX15TS-10uH-13mm-01

CUSTOMER P/N: 30800006-10. 1uH

DATE : 2023/09/08

REV : A1

Operation frequency: 300kHz-350kHz

Antenna gain: 0dBi

✘ 产品符合: ☒ 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

FactoryAddress:2/F, Guantiancommunity, Shenzhen. New era industrial area
C Building

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SHENZHEN KEFEITE ELECTRONICS CO., LTD

[illegible]

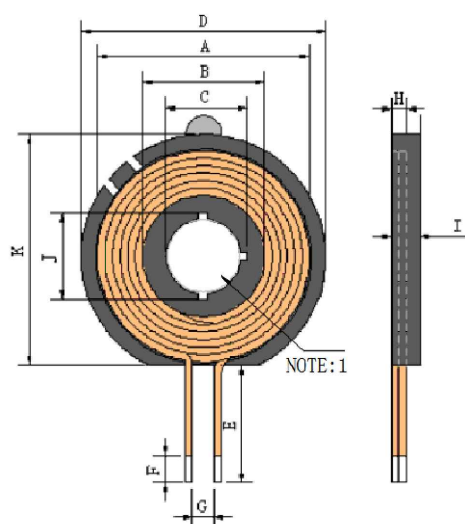
NOTES :



SHENZHEN KEFEITE ELECTRONICS CO., LTD

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1. CONFIGURATION&DIMENSIONS:



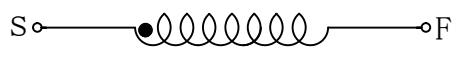
A	$23.5 \pm 1.0\text{mm}$
B	$13.3 \pm 0.5\text{mm}$
C	$9.0 \pm 0.5\text{mm}$
D	$27.0 \pm 0.5\text{mm}$
E	$13.0 \pm 2.0\text{mm}$
F	2~5mm
G	6.0ref
H	$1.5 \pm 0.2\text{mm}$
I	3.6MAX
J	$9.9 \pm 0.5\text{mm}$
K	$26 \pm 0.5\text{mm}$

1. Magnet is installed in the center hole with the "N" Pole facing upwards ($7.8 \times 2.5\text{mm} \geq 3500\text{GS}$)
2. Double sided adhesive tape on the back of the product

2. ELEETRICAL CHARACTER:

PROJECT	SPECFICTIONS	TEST CONDITIONS	TEST INSTRUMENT
(Ls) Coil	$5.6 \pm 10\%\mu\text{H}$	100KHZ/1.0V	CH1062
(Ls)Coil+Core	$10 \pm 10\%\mu\text{H}$	100KHZ/1.0V	CH1062
(RDC)	$\leq 113\text{m}\Omega$	At:25℃	HG2512

3. SCHEMATIC



4. PART NUMBERING:PRODUCT IDENTIFICATION

107	27X8.1	0.06X65PX15TS	13mm	10uH	01	Serial number
						Inductance
						Line Length
						Wire Diameter
						Magnetic Sheet Specification
						Customer number

DRAWN BY:	CHECKED BY:	Q. C DEPT:	APPROVED BY:
FI GO	QIONJINFU		W. J. J



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5. MATERIAL LIST:

NO	ITEM	DESCRIPTION	RATING	SUPPLIERS	UL NO.	REMARK
1	WIRE	Acetone line	155℃	SHANTOU SHENGANG ELECTRICAL INDUSTRIAL CO., LTD	E239508	
2	SOLDER	99.3/0.7		SHENZHEN Hong Xing Wei solder Limited		
3	CORE	27/8.1/2.8		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℃

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