

CUSTOMER

KFT-52

ROHS

## SPECIFICATION FOR APPROVAL

MODEL NO. : G(38.6LI+19)

KEFEITE NO. : 52-G(38.6+19)-0.08X105PX10TS-6.3uH-15mm

CUSTOMER P/N: G(38.6+19)-6.3uH-15mm

DATE : 2023/04/13

REV : A1

※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  
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# SHENZHEN KEFEITE ELECTRONICS CO., LTD

CUSTOMER:	KFT-52	VERSION:	A1	
CUSTOMER NO:	G (38.6+19)-6.3uH-15mm	PAGE:	2/5	
KFT P/N:	52-G (38.6LI+19)-0.08X105PX10TS-6.3uH-15mm	Date:	2023/04/13	
VERSION	MODIFY THE CONTENT	Date	Drawn By	Checked By
A1	New Version	2023/04/13	FIGO	QIONJIN 

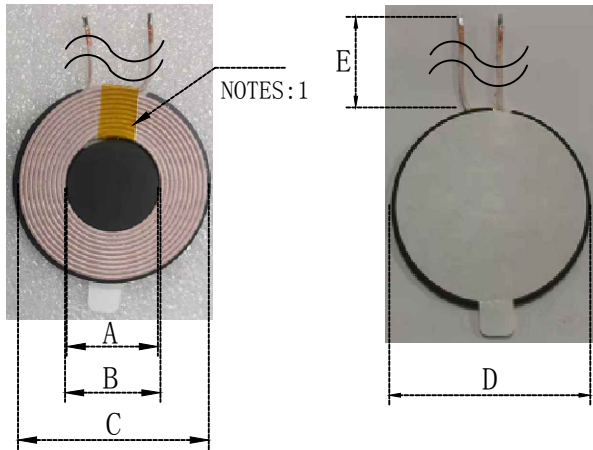
NOTES:



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## 1. CONFIGURATION&DIMENSIONS:



Coil Gain:0dB<sub>i</sub>

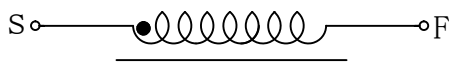
A	19.0 ± 1.0mm
B	20.5 ± 0.5mm
C	38.0 ± 0.4mm
D	38.6 ± 0.5mm
E	15 ± 1.5mm
F	3.0 ± 1.0mm
G	2.8mm MAX

1. Fixing tape (0.06X8mm), Adjustable.
2. Double sided adhesive tape on the back of the product
3. H dimension includes the thickness of release paper

## 2. ELECTRICAL CHARACTER:

PROJECT	SPECIFICATIONS	TEST CONDITIONS	TEST INSTRUMENT
(L <sub>s</sub> )	6.3 ± 10%uH	10KHZ/1.0V	CH1062
(RDC)	≤ 73.8mΩ	At: 25°C	HG2512
(Q)	≥ 20	100KHZ/1.0V	CH1062

## 3. SCHEMATIC



## 4. PART NUMBERING: PRODUCT IDENTIFICATION

107 G(38.6+19) 0.07X100PX10TS 6.3uH 15mm

- Line Length
- Inductance
- 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°C	SHANTOU SHENGANG ELECTRICAL INDUSTRIAL CO., LTD	E239508	
2	SOLDER	99.3/0.7		SHENZHEN Hong Xing Wei solder Limited		
3	CORE	43.5X5.0X0.72mm		Changxing B0 Cheng Electronics CO., LTD		
		19X1.0mm		Changxing B0 Cheng Electronics CO., LTD		
4	EPOXY	1603HFR-HS		DONGBU FINE CHEMICAL CO LTD		
5	TAPE	PI 260°C		SU ZHOU MAILADUONA ELECTRIC MATERIAL CO., LTD	E188295	

## 6. GENERAL SPECIFICATION:

- 1 Tested at 1.0KHZ/0.25Vrms, 0 Adc.  
Average current for 40°C temperature rise from 25°C.
- 2 Saturation current (Isat):  
Inductance drop: 10% typ at Isat.
- 3 Heat rating current (Irms):  
 $L @ Irms = \Delta T \leq 40^\circ C$ .
- 4 Electrical specifications at 25°C
- 5 Storage Temp: -40°C....+85°C
- 6 Operating Temp: -40°C....+85°C

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