

CUSTOMER

KFT-107

ROHS

## SPECIFICATION FOR APPROVAL

MODEL NO. : G43.5

KEFEITE NO. : 107-M8-G43.5-0.07X100PX11TS-7.0uH-110mm

CUSTOMER P/N: M8-G43.5-7.0uH-110mm

DATE : 2024/01/20

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

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# SHENZHEN KEFEITE ELECTRONICS CO., LTD

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VERSION	MODIFY THE CONTENT	Date	Drawn By	Checked By
A1	New Version	2024/01/20	FIGO	QIONJIN 

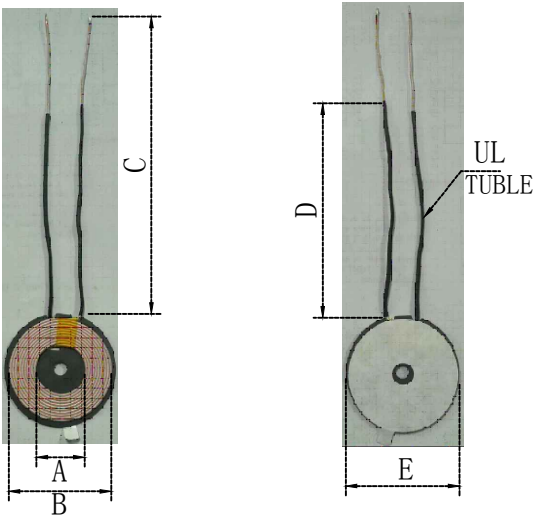
NOTES:



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## 1. CONFIGURATION&DIMENSIONS:



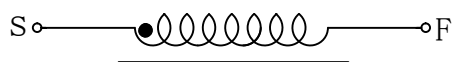
A	19.0±1.0mm
B	39.0±1.0mm
C	110±1.5mm
D	90±1.5mm
E	43.5±0.5mm
F	2.8mm MAX
G	2±1

1. Fixing tape (0.05X8mm), 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
(Ls)	7.0±10%uH	10KHZ/1.0V	CH1062
(RDC)	≤76mΩ	At:25℃	HG2512
(Q)	≥45	100KHZ/1.0V	CH1062


## 3. SCHEMATIC



## 4. PART NUMBERING:PRODUCT IDENTIFICATION

107    G43.5    0.07X100PX11TS    7.0uH    110mm

\_\_\_\_\_ 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 BO 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	TUBLE	UL/φ1.5mm		DONGGUAN LING FREE HARDWARE PLASTICS PRODUCT COLTD	E352366	

## 6. GENERAL SPECIFICATION:

- 1 Tested at 1.0KHZ/0.25Vrms, 0 Adc.  
Average current for 40°C temperature rise from 25°C.
- 2 Saturaion 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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