

CUSTOMER

KFT-107

ROHS

SPECIFICATION FOR APPROVAL

MODEL NO. : A11

KEFEITE NO. : 107-T5-50LI-0.08X105PX10TS-6.3uH-7mm-01

CUSTOMER P/N: T5

DATE : 2022/09/30

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
C Building

TEL:86-755-27352660

FAX:86-755-27352742

HTTP:WWW.Kefeite.net



SHENZHEN KEFEITE ELECTRONICS CO., LTD

[illegible]

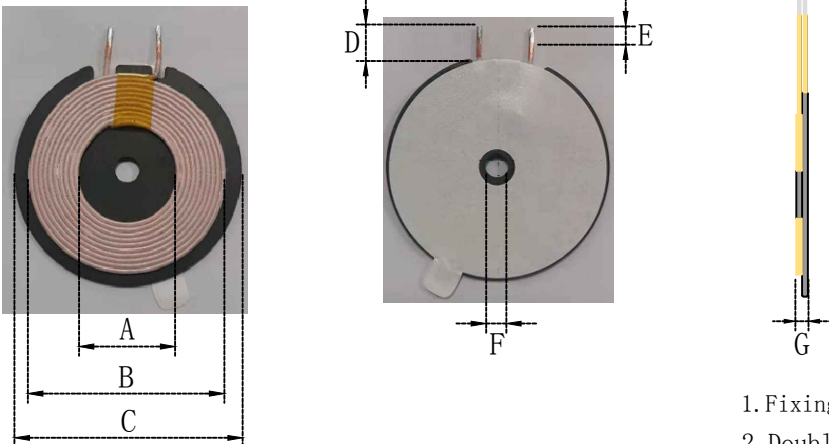
NOTES :



SHENZHEN KEFEITE ELECTRONICS CO., LTD

CUSTOMER:	KFT-107	VERSION:	A1
CUSTOMER NO:	T5	PAGE:	3/5
KFT P/N:	107-T5-50LI-0.08X105PX10TS-6.3uH-7mm-01	Date:	2022/09/30

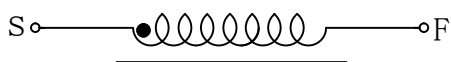
1. CONFIGURATION&DIMENSIONS:

	A	$20.5 \pm 1.0\text{mm}$
	B	$42.5 \pm 1.0\text{mm}$
	C	$50 \pm 0.5\text{mm}$
	D	$7 \pm 1.0\text{mm}$
	E	$3 \pm 1.0\text{mm}$
	F	$5.3 \pm 0.5\text{mm}$
	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
(Ls)	$6.3 \pm 10\% \mu\text{H}$	10KHZ/1.0V	CH1062
(RDC)	$\leq 49.0\text{m}\Omega$	At: 25°C	HG2512
(Q)	≥ 45	100KHZ/1.0V	CH1062

3. SCHEMATIC



4. PART NUMBERING: PRODUCT IDENTIFICATION

107	50LI	0.08X105PX10TS	6.3uH	7mm	
					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 



SHENZHEN KEFEITE ELECTRONICS CO., LTD

CUSTOMER:	KFT-107	VERSION:	A1
CUSTOMER NO:	T5	PAGE:	4/5
KFT P/N:	107-T5-50LI-0.08X105PX10TS-6.3uH-7mm-01	Date:	2022/09/30

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	50/5.3/0.9		Changxing BO Cheng Electronics CO., LTD		
4	EPOXY	1603HFR-HS		DONGBU FINE CHEMICAL CO LTD		
5	TAPE	PI 260℃		SU ZHOU MAILADUONA ELECTRIC MATERIAL CO., LTD	E188295	

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):
 $L @ Irms = \Delta T \leq 40^\circ C$.
- 4 Electrical specifications at 25℃
- 5 Storage Temp: -40℃....+85℃
- 6 Operating Temp: -40℃....+85℃

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