

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

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]

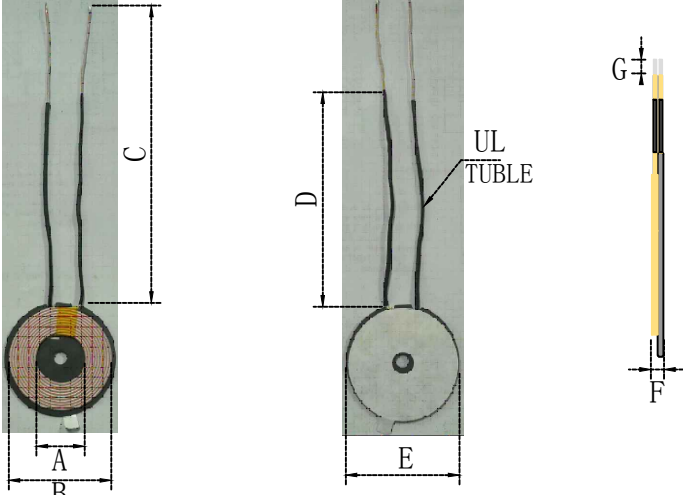
NOTES :



SHENZHEN KEFEITE ELECTRONICS CO., LTD

CUSTOMER:	KFT-107	VERSION:	A1
CUSTOMER NO:	M8-G43.5-7.0uH-110mm	PAGE:	3/4
KFT P/N:	107-M8-G43.5-0.07X100PX11TS-7.0uH-110mm	Date:	2024/01/20

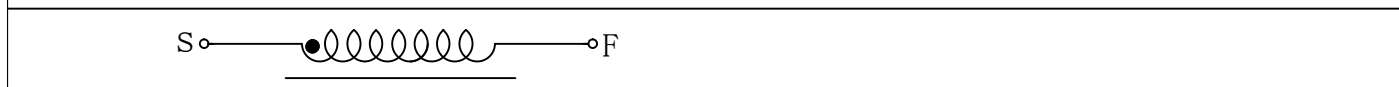
1. CONFIGURATION&DIMENSIONS:

	A	$19.0 \pm 1.0\text{mm}$
	B	$39.0 \pm 1.0\text{mm}$
	C	$110 \pm 1.5\text{mm}$
	D	$90 \pm 1.5\text{mm}$
	E	$43.5 \pm 0.5\text{mm}$
	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. ELEETRICAL CHARACTER:

PROJECT	SPECFICTIONS	TEST CONDITIONS	TEST INSTRUMENT
(Ls)	$7.0 \pm 10\% \mu\text{H}$	10KHZ/1.0V	CH1062
(RDC)	$\leq 76\text{m}\Omega$	At: 25°C	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





SHENZHEN KEFEITE ELECTRONICS CO., LTD

CUSTOMER:	KFT-107	VERSION:	A1
CUSTOMER NO:	M8-G43.5-7.0uH-110mm	PAGE:	4/4
KFT P/N:	107-M8-G43.5-0.07X100PX11TS-7.0uH-110mm	Date:	2024/01/20

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	43.5X5.0X0.72mm		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	TUBLE	UL/ ϕ 1.5mm		DONGGUAN LING FREE HARDWARE PLASTICS PRODUCT COLTD	E352366	

6. GENERAL SPECIFICATION:

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

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