

CUSTOMER

KFT-107

ROHS

SPECIFICATION FOR APPROVAL

MODEL NO.: G(38.6LI+19)

KEFEITE NO.: 107-M5-G(38.6+19)-0.08X105PX10TS-6.3uH-110mm

CUSTOMER P/N: M5

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

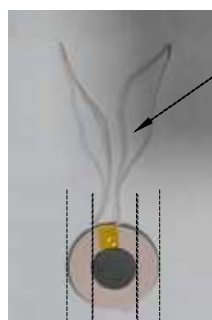
CUSTOMER:	KFT-107	VERSION:	A1	
CUSTOMER NO:	M5	PAGE:	2/5	
KFT P/N:	107-M5-G(38.6+19)-0.08X105PX10TS-6.3uH-110mm	Date:	2022/09/30	
VERSION	MODIFY THE CONTENT	Date	Drawn By	Checked By
A1	New Version	2022/09/30	FIGO	QIONJII

NOTES:

SHENZHEN KEFEITE ELECTRONICS CO.,LTD

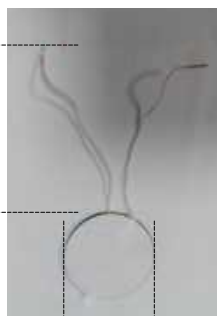
CUSTOMER:	KFT-107	VERSION:	A1
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1.CONFIGURATION&DIMENSIONS:

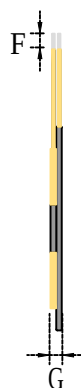


NOTES:1

E



D



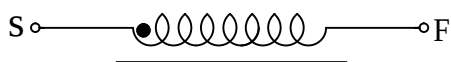
A	19.0 ± 1.0mm
B	20.5 ± 0.5mm
C	38.0 ± 0.4mm
D	38.6 ± 0.5mm
E	110 ± 1.5mm
F	3.0 ± 1.0mm
G	2.8mm MAX

- 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.EIETTRICAL CHARACTER:

PROJECT	SPECFICTIONS	TEST CONDITIONS	TEST INSTRUMENT
(Ls)	6.3 ± 10%uH	10KHZ/1.0V	CH1062
(RDC)	≤59m Ω	At:25℃	HG2512
(Q)	≥20	100KHZ/1.0V	CH1062

3.SCHEMATIC



4.PART NUMBERING:PRODUCT IDENTIFICATION

107	G(38.6+19)	0.07X100PX10TS	6.3uH	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℃	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		
		19X1.0mm				
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 55℃.
- 2 Saturation 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℃

Antenna Gain	
Operating Frequency	110-205kHz
Antenna Type	Inductive loop coil Antenna
Gain	0 dBi

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