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 ELEECTRONICS CO.,LTD

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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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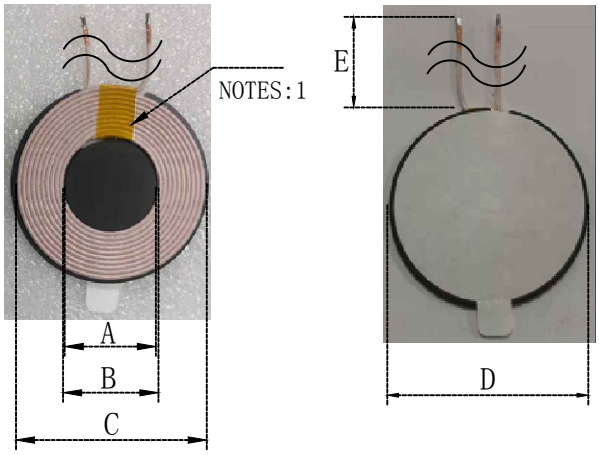
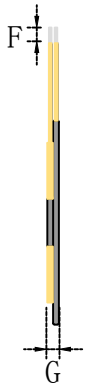
1.CONFIGURATION&DIMENSIONS:



Coil Gain:0dBi



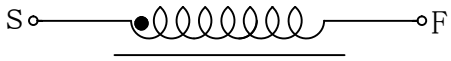
A	19.0±1.0mm
B	20.5±0.5mm
C	38.0±0.4mm
D	38.6±0.5mm
E	15±1.5mm
F	3.0±1.0mm
G	2.8mm MAX

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

2.ElEETRICAL CHARACTER:

PROJECT	SPECFICTIONS	TEST CONDITIONS	TEST INSTRUMENT
(Ls)	6.3±10%uH	10KHZ/1.0V	CH1062
(RDC)	≤73.8mΩ	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 15mm

- 15mm — Line Length
- 6.3uH — Inductance
- 0.07X100PX10TS — Wire Diameter
- G(38.6+19) — Magnetic Sheet Specification
- 107 — 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 INU\DUSTRIAL 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		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 from25℃.

2 Saturaion current(Isat):
Inductance drop:10% typ at Isat.

3 Heat rating current(Irms):
L@Irms=△T≤40℃.

4 Electrical specifications at25℃

5 Storage Temp:-40℃....+85℃

6 Operating Temp:-40℃....+85℃

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