

客 户
CUSTOMER

KFT-107

ROHS

SPECIFICATION FOR APPROVAL

型 号
MODEL NO. : G(38.6LI+19)

柯菲特料号
KEFEITE NO. :107-G(38.6+19)-0.08X105PX10TS-6.3uH-20mm

客户料号
CUSTOMER P/N:M13-G(38.6+19)-6.3uH-20mm

日期
DATE : 2022/08/12

版 本
REV : A1

※产品符合: RoHS PAHS 6P REACH

确认后签名, 并返回一份。

PLEASE RETURN TO US COPY OF "SPECIFICATION FOR APPROVAL" WITH YOUR APPROVED SIGNATURES.

	"√"	CUSTOMER'S SIGNATURE	NOTE
FULL APPROVED			
CONDITIONAL APPROVED			
REJECTED			

深圳市柯菲特电子有限公司
SHENZHEN KEFEITE ELELECTRONICS CO., LTD

深圳、宝安、石岩官田新时代工业区C幢2楼

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HTTP:WWW.Kefeite.net(了解更多资讯, 请浏览本公司网站)





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KFT P/N:	107-G(38.6LI+19)-0.08X105PX10TS-6.3uH-20mm	Date:	2022/08/12	
VERSION	MODIFY THE CONTENT	Date	Drawn By	Checked By
A1	新 版 本	2022/08/12	刘辉	覃金祥

NOTES:

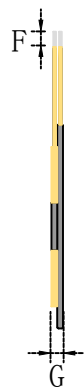
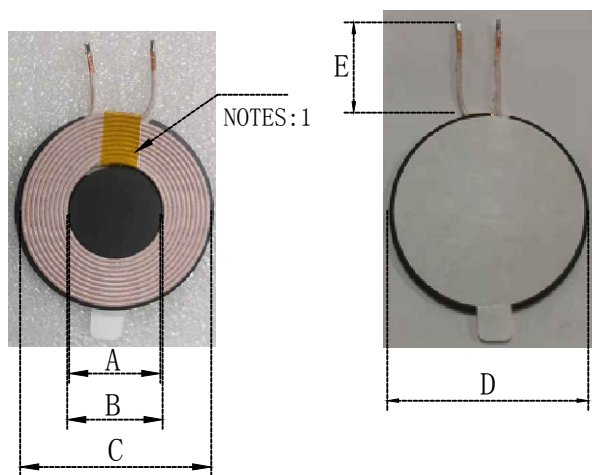


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1. CONFIGURATION&DIMENSIONS:



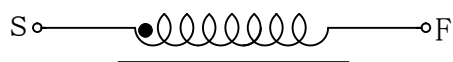
A	19.0 ± 1.0mm
B	20.5 ± 0.5mm
C	38.0 ± 0.4mm
D	38.6 ± 0.5mm
E	20 ± 1.5mm
F	3.0 ± 1.0mm
G	2.8mm MAX

1. 线圈固定胶带 (0.06X8mm), 可依客户需求调整.
2. 产品要背贴带手撕位双面胶
3. H尺寸包含了离型纸厚度

2. ELECTRICAL CHARACTER:

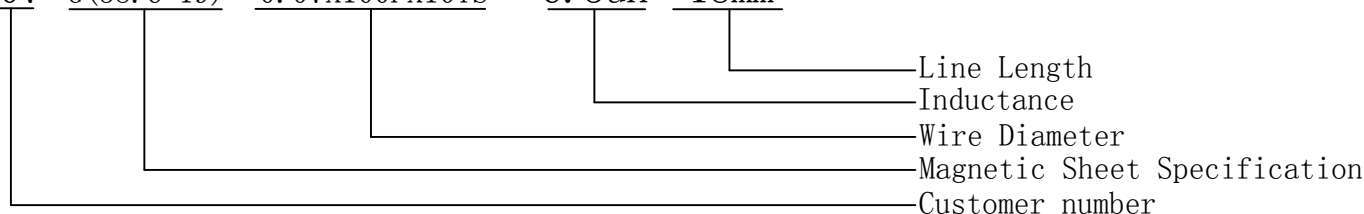
项目	规格	测试条件	测试仪器
电感量 (Ls)	6.3 ± 10%uH	10KHZ/1.0V	CH1062
直流电阻 (RDC)	≤ 59mΩ	At: 25°C	HG2512
品质因数 (Q)	≥ 20	100KHZ/1.0V	CH1062

3. SCHEMATIC



4. PART NUMBERING: PRODUCT IDENTIFICATION

107 G(38.6+19) 0.07X100PX10TS 6.3uH 18mm



DRAWN BY:	CHECKED BY:	Q. C DEPT:	APPROVED BY:
刘辉	覃金福		万建军



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5. MATERIAL LIST:

NO	ITEM	DESCRIPTION	RATING	SUPPLIERS	UL NO.	REMARK
1	WIRE	丙酮线	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(开直槽)		Changxing B0 Cheng Electronics CO., LTD		
		19X1.0mm		Changxing B0 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:

项目	测试条件	判断标准
Isat (饱和电流)	1. 正常室内环境25℃. 2. 分十步外加直流电流. 3. 待电感值变化稳定后再加下一步电流.	$I_{sat}@.L_a \geq \%L_0$ L: 加载直流电流后测试感值 L0: 未加载直流电流的标准值.
Irms (温升电流)	1. 正常室内环境25℃, 禁止通风. 2. 分十步外加直流电流. 3. 每步时间间隔为5分钟.	$I_{rms}@ \Delta T \leq 40^\circ C$ 1. ΔT 是电感表面温度, 相对于初始测试温度的上升温度. 2. 不得有电感部件颜色外形变化.
L(85℃) (电感量)	1. 在85℃烘烤15Min, 即时取出测试电感量. 2. 产品必需在10sec之内测试完成, 温度约在85℃ TYP.	$L(85^\circ C) \approx L_s$ 1. L_s : 电感标准值 (25℃) L(85℃): 电感量 (85℃) 2. 电感量的变化率在标准值的范围之内.

DRAWN BY:	CHECKED BY:	Q. C DEPT:	APPROVED BY:
刘辉	覃金福		万建军 