

客 户
CUSTOMER

KFT-107

ROHS

SPECIFICATION FOR APPROVAL

型 号
MODEL NO. : A11 (G50X5.3X1.0)

柯菲特料号
KEFEITE NO. : 105-50LI-0.08X105PX10TS-6.3uH-20mm

客户料号
CUSTOMER P/N: T15-A11 (50LI)

日期
DATE : 2022/04/24

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

FactoryAddress:2/F,New era industrial area C Building
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TEL:86-755-27352660

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





SHENZHEN KEFEITE ELECTRONICS CO., LTD

NOTES :

NOTES :

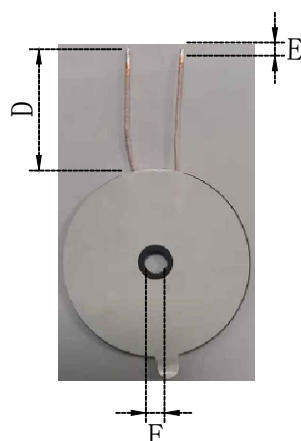
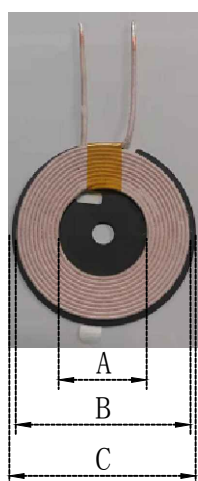


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CUSTOMER:	KFT-107	VERSION:	A1
CUSTOMER NO:		PAGE:	3/4
KFT P/N:	107-50LI-0.08X105PX10TS-6.3uH-20mm	Date:	2022/04/24

1. CONFIGURATION&DIMENSIONS:



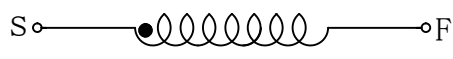
A	20.5 ± 1.0mm
B	43.5 ± 1.0mm
C	50 ± 0.5mm
D	20 ± 1.0mm
E	3 ± 1.5mm
F	5.3 ± 0.5mm
G	1.0 ± 0.1mm
H	2.6mm MAX

- 磁片50X5.3x1.0mm 开LI双槽, 中心带孔.
- H尺寸不包含离型纸厚度

2. ELECTRICAL CHARACTER:

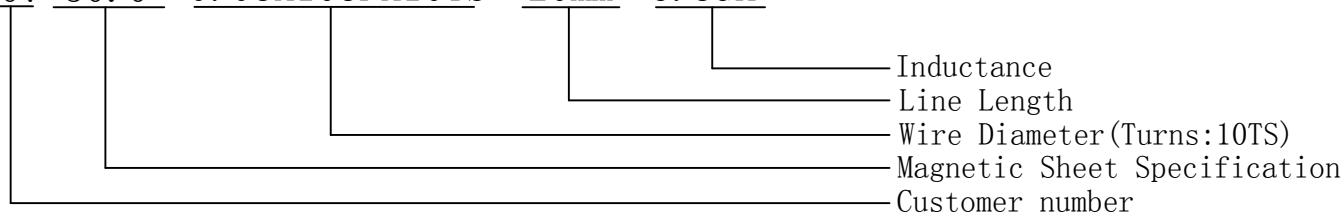
项目	规格	测试条件	测试仪器
电感量 (Ls)	6.3 ± 10%uH	100KHZ/1.0V	CH1062
直流电阻 (RDC)	62m Ω MAX	At:25℃	HG2512
品质因数 (Q)	≥70	100KHZ/1.0V	CH1062

3. SCHEMATIC



4. PART NUMBERING:PRODUCT IDENTIFICATION

107 50.0 0.08X105PX10TS 20mm 6.3uH



DRAWN BY:	CHECKED BY:	Q. C DEPT:	APPROVED BY:
胡国强	周渺		万建军



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KFT P/N:	107-50LI-0.08X105PX10TS-6.3uH-20mm	Date:	2022/04/24

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	50/5.3/1.0(开LI双槽)		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℃

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.	$Isat @ L_a \geq \% L_0$ 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.	$Irms @ \Delta T \leq 40^\circ C$ 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℃) $L(85^\circ C)$: 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:
胡国强	周渺	万建军