

客 户
CUSTOMER

KFT-067



SPECIFICATION FOR APPROVAL

型 号
MODEL NO. : A11(手机线圈)

柯菲特料号
KEFEITE NO. :67-43. 5LI-0. 08X105PX10TS-6. 3uH-170mm-01

客户料号
CUSTOMER P/N: 1130200060

日期
DATE : 2024/11/13

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
Guantiancommunity, Shenzhen.
TEL:86-755-27352660
FAX:86-755-27352742
HTTP:WWW.Kefeite.net(了解更多资讯，请浏览本公司网站)



深圳市柯菲特电子有限公司

SHENZHEN KEFEITE ELECTRONICS CO., LTD

CUSTOMER:	KFT-067	VERSION:	A1	
CUSTOMER NO:	1130200060	PAGE:	2/4	
KFT P/N:	67-43.5LI-0.08X105PX10TS-6.3uH-170mm-01	Date:	2024/11/13	
VERSION	MODIFY THE CONTENT	Date	Drawn By	Checked By
A1	新 版 本	2024/11/13	胡国强	周 渺 

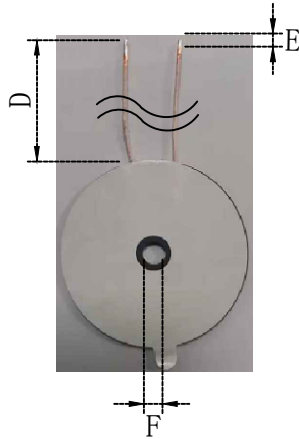
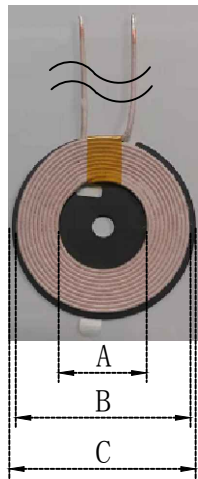
NOTES:

深圳市柯菲特电子有限公司

SHENZHEN KEFEITE ELECTRONICS CO., LTD

CUSTOMER:	KFT-067	VERSION:	A1
CUSTOMER NO:	1130200060	PAGE:	3/4
KFT P/N:	67-43.5LI-0.08X105PX10TS-6.3uH-170mm-01	Date:	2024/11/13

1. CONFIGURATION&DIMENSIONS:



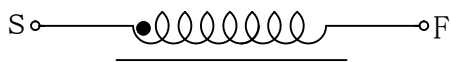
A	20.5±1.0mm
B	40.5±1.0mm
C	43.5±0.5mm
D	170±1.5mm
E	2.5±1.5mm
F	5.3±0.5mm
G	0.8±0.1mm
H	2.6mm MAX

- 磁片43.5X5.3(磁片厚0.72mm) 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)	60.0mΩMAX	At:25℃	HG2512
品质因数 (Q)	≥50	100KHZ/1.0V	CH1062

3. SCHEMATIC



4. PART NUMBERING:PRODUCT IDENTIFICATION

50	43.5	0.08X105PX10TS	6.3uH	163mm	01	
						Serial number
						Line Length
						Inductance
						Wire Diameter
						Magnetic Sheet Specification
						Customer number

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

深圳市柯菲特电子有限公司

SHENZHEN KEFEITE ELECTRONICS CO., LTD

CUSTOMER:	KFT-067	VERSION:	A1
CUSTOMER NO:	1130200060	PAGE:	4/4
KFT P/N:	67-43. 5LI-0. 08X105PX10TS-6. 3uH-170mm-01	Date:	2024/11/13

5. MATERIAL LIST:

NO	ITEM	DESCRIPTION	RATING	SUPPLIERS	UL NO.	REMARK
1	WIRE	Acetone coated wire	155℃	SHANTOU SHENGANG ELECTRICAL INU\DUSTRIAL CO.,LTD	E239508	
2	SOLDER	99. 3/0. 7		SHENZHEN Hong Xing Wei solder Limited		
3	CORE	43. 5/5. 3/0. 8(开LI双槽)		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:

- 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):
 $L@I_{rms}=\Delta T\leq 40^{\circ}C$.
- 4 Electrical specifications at25℃
- 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.	$I_{sat}@. L_a\geq \%L_0$ 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℃) $L(85^{\circ}C)$: 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:
胡 国 强	周 渺	万建军