

客 户
CUSTOMER

KFT-067

ROHS

SPECIFICATION FOR APPROVAL

型 号
MODEL NO. : A11 (G43. 5)

柯菲特料号
KEFEITE NO. : 67-43. 5-0. 08X105PX10TS-6. 3uH-48mm

客户料号
CUSTOMER P/N: RC02

日期
DATE : 2024/05/22

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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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

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KFT P/N:	67-43.5LI-0.08x105Px10Ts-6.3uH-48mm	Date:	2024/05/22	
VERSION	MODIFY THE CONTENT	Date	Drawn By	Checked By
A1	新 版 本	2024/05/22	胡国强	覃金福 

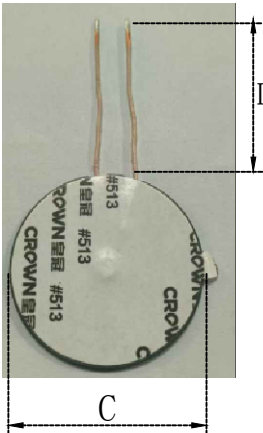
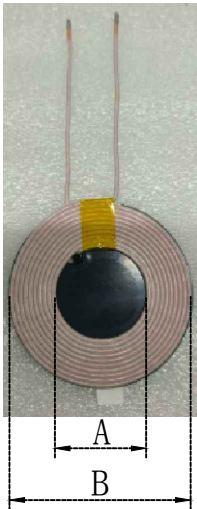
NOTES:

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1. CONFIGURATION&DIMENSIONS:



A	20.5±0.6mm
B	41±1.5mm
C	43.5±1.0mm
D	48±1.5mm
E	2.5±1.0mm
F	0.8±0.1mm
G	2.8mm MAX

1. 磁片43.5X5.3(磁片厚0.8mm) 开LI双槽, 中心带孔.

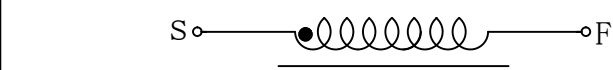
2. 产品背贴“皇冠”牌加粘双面胶

3. H尺寸不包含离型纸厚度

2. ELEETRICAL 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)	≤52.3mΩ	At:25℃	HG2512
品质因数 (Q)	≥50	100KHZ/1.0V	CH1062

3. SCHEMATIC



4. PART NUMBERING:PRODUCT IDENTIFICATION

5243.50.08X105PX10TS6.3uH48mm01

Serial number

Inductance

Line Length

Wire Diameter

Magnetic Sheet Specification

Customer number

DRAWN BY:	CHECKED BY:	Q. C DEPT:	APPROVED BY:
胡国强	覃金福		胡斗南

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5. MATERIAL LIST:

NO	ITEM	DESCRIPTION	RATING	SUPPLIERS	UL NO.	REMARK
1	WIRE	Acetone covered 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	KAPTON 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.		Isat@. La≥*%L0 L:加载直流电流后测试感值 L0:末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@ΔT≤40℃ 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℃)≈Ls 1. Ls: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:
胡 国 强	覃金福		胡斗南 