

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

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HTTP:WWW.Kefeite.net(了解更多资讯，请浏览本公司网站)



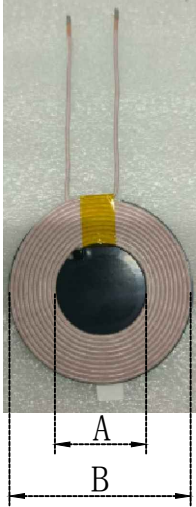
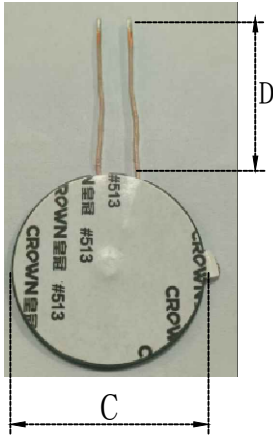



# 深圳市柯菲特电子有限公司

SHENZHEN KEFEITE ELECTRONICS CO., LTD

CUSTOMER:	KFT-067	VERSION:	A1
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KFT P/N:	67-43.5LI-0.08x105Px10Ts-6.3uH-48mm	Date:	2024/05/22

## 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.

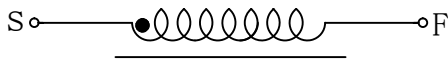
2. 产品背贴“皇冠”牌加粘双面胶

3. H尺寸不包含离型纸厚度

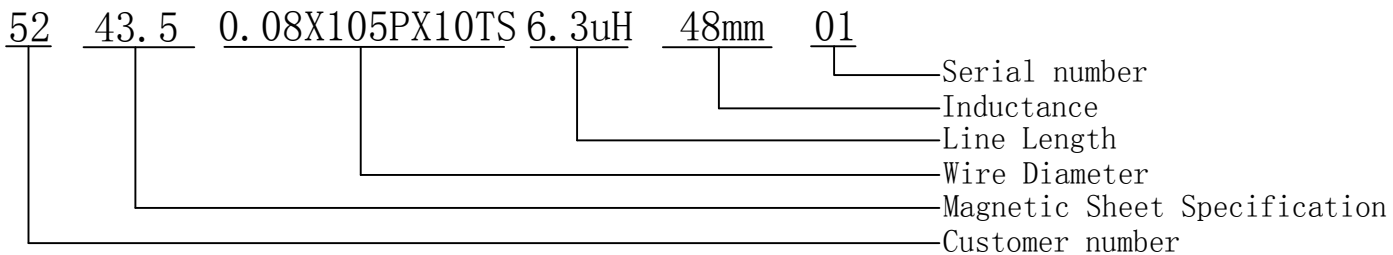
## 2. ELECTRICAL CHARACTER:


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)	≤ 52.3mΩ	At: 25°C	HG2512
品质因数 (Q)	≥ 50	100KHZ/1.0V	CH1062

## 3. SCHEMATIC



## 4. PART NUMBERING: PRODUCT IDENTIFICATION



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°C	SHANTOU SHENGANG ELECTRICAL INDUSTRIAL 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°C		SU ZHOU MAILADUONA ELECTRIC MATERIAL CO., LTD	E188295	

## 6. GENERAL SPECIFICATION:

- 1 Tested at 1.0KHZ/0.25Vrms, 0 Adc.  
Average current for 40°C temperature rise from 25°C.
- 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°C
- 5 Storage Temp: -40°C....+85°C
- 6 Operating Temp: -40°C....+85°C

项目	测试条件	判断标准
Isat (饱和电流)	1. 正常室内环境25°C. 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°C, 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. $\Delta T$ 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°C) (电感量)	1. 在85°C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°C TYP.	$L(85^\circ C) \approx L_s$ 1. $L_s$ : 电感标准值 (25°C) $L(85^\circ C)$ : 电感量 (85°C) 2. 电感量的变化率在标准值的范围之内.

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胡国强	覃金福		胡斗南 