

客 户  
CUSTOMER

KFT-130

ROHS

## SPECIFICATION FOR APPROVAL

型 号  
MODEL NO. : 35X5.3X0.8

柯菲特料号  
KEFEITE NO. :130-35L-0.08X48PX10TS-6.7uH-15mm

客户料号  
CUSTOMER P/N:

日期  
DATE : 2022/08/29

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<br>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)





SHENZHEN KEFEITE ELECTRONICS CO., LTD

NOTES :

NOTES :

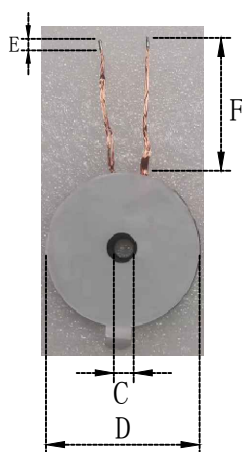


# 深圳市柯菲特电子有限公司

SHENZHEN KEFEITE ELECTRONICS CO., LTD

|              |                                    |          |            |
|--------------|------------------------------------|----------|------------|
| CUSTOMER:    | KFT-122                            | VERSION: | A1         |
| CUSTOMER NO: |                                    | PAGE:    | 3/5        |
| KFT P/N:     | 122-41.5L-0.08X48PX10TS-6.7uH-15mm | Date:    | 2022/08/29 |

## 1. CONFIGURATION&DIMENSIONS:



|   |            |
|---|------------|
| A | 20.5±1.0mm |
| B | 27.5±1.0mm |
| C | 5.3±0.5mm  |
| D | 35±1.0mm   |
| E | 3.0±1.0mm  |
| F | 15±1.5mm   |
| G | 0.7±0.1mm  |
| H | 1.4mm MAX  |

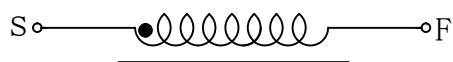
1. 磁片35X5.3X0.65mm 开Li槽

2. 产品要贴背胶

## 2. ELECTRICAL CHARACTER:

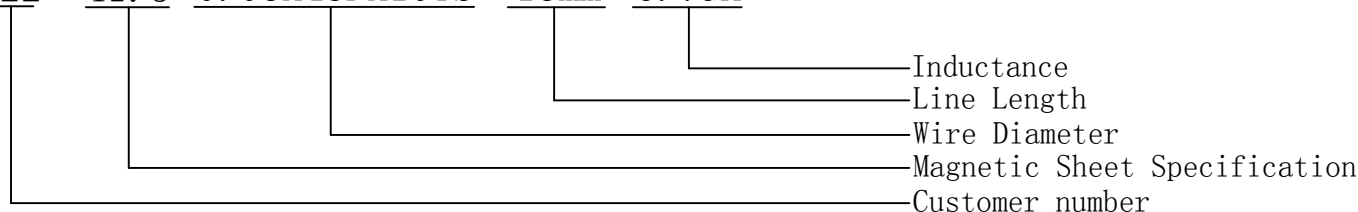
| 项目         | 规格        | 测试条件        | 测试仪器   |
|------------|-----------|-------------|--------|
| 电感量 (Ls)   | 6.7±10%uH | 100KHZ/1.0V | CH1062 |
| 直流电阻 (RDC) | 95mΩ MAX  | At:25℃      | HG2512 |
| 品质因数 (Q)   | ≥35       | 100KHZ/1.0V | CH1062 |

## 3. SCHEMATIC



## 4. PART NUMBERING:PRODUCT IDENTIFICATION

122 41.5 0.08X48PX10TS 15mm 6.7uH



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



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| CUSTOMER:    | KFT-122                            | VERSION: | A1         |
| CUSTOMER NO: |                                    | PAGE:    | 4/5        |
| KFT P/N:     | 122-41.5L-0.08X48PX10TS-6.7uH-15mm | Date:    | 2021/08/29 |

### 5. MATERIAL LIST:

| NO | ITEM   | DESCRIPTION        | RATING | SUPPLIERS                                          | UL NO.  | REMARK |
|----|--------|--------------------|--------|----------------------------------------------------|---------|--------|
| 1  | WIRE   | 热风线                | 155℃   | SHANTOU SHENGANG ELECTRICAL<br>INDUSTRIAL CO., LTD | E239508 |        |
| 2  | SOLDER | 99.3/0.7           |        | SHENZHEN Hong Xing Wei<br>solder Limited           |         |        |
| 3  | CORE   | 41.5/5.3/0.65(开L槽) |        | Changxing BO Cheng Electronics<br>CO., LTD         |         |        |
| 4  | EPOXY  | 1603HFR-HS         |        | DONGBU FINE CHEMICAL CO LTD                        |         |        |
| 5  | TAPE   | PI 260℃            |        | SU ZHOU MAILADUONA ELECTRIC<br>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<br>(饱和电流)  | 1. 正常室内环境 25℃.<br>2. 分十步外加直流电流.<br>3. 待电感值变化稳定后再加下一步电流.               | $Isat @ L_a \geq \% L_0$<br>L: 加载直流电流后测试感值<br>L0: 未加载直流电流的标准值.                                               |
| Irms<br>(温升电流)  | 1. 正常室内环境 25℃, 禁止通风.<br>2. 分十步外加直流电流.<br>3. 每步时间间隔为 5 分钟.             | $Irms @ \Delta T \leq 40^\circ C$<br>1. $\Delta T$ 是电感表面温度, 相对于初始测试温度的上升温度.<br>2. 不得有电感部件颜色外形变化.             |
| L(85℃)<br>(电感量) | 1. 在 85℃ 烘烤 15Min, 即时取出测试电感量.<br>2. 产品必需在 10sec 之内测试完成, 温度约在 85℃ TYP. | $L(85^\circ C) \approx L_s$<br>1. $L_s$ : 电感标准值 (25℃)<br>$L(85^\circ C)$ : 电感量 (85℃)<br>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                     |