



| REVISION RECORD |             |         |          |      |
|-----------------|-------------|---------|----------|------|
| REV.            | DESCRIPTION | ECN No. | APPROVED | DATE |
|                 |             |         |          |      |
|                 |             |         |          |      |
|                 |             |         |          |      |
|                 |             |         |          |      |

| UL/CUL 技术参数<br>UL/CUL Technical Data |                                   | UL <sup>®</sup><br>us |     |     |
|--------------------------------------|-----------------------------------|-----------------------|-----|-----|
| 等级                                   | Use Group                         | B                     | C   | D   |
| 额定电压                                 | Rated Voltage [V]                 | 300                   | -   | 300 |
| 额定电流                                 | Rated Current [A]                 | 8                     | -   | 8   |
| 接线范围                                 | Wire Range                        | 28-16                 |     |     |
| 单/多芯线                                | Solid/Stranded [AWG]              |                       |     |     |
| 耐电压                                  | Withstanding Voltage              | 1600V/1Min            |     |     |
| IEC 技术参数<br>IEC Technical Data       |                                   | IEC61984              |     |     |
| 过电压类别                                | Overvoltage Category              | III                   | III | II  |
| 污染等级                                 | Contamination Class               | 3                     | 2   | 2   |
| 额定电压                                 | Rated Voltage [V]                 | 160                   | 160 | 320 |
| 额定电流                                 | Rated Current [A]                 | 7                     | 7   | 7   |
| 额定冲击电压                               | Impulse withstand voltage [KV]    | 2.5                   | 2.5 | 2.5 |
| 导线截面积                                | Conductor cross section           | 0.5-1.5               |     |     |
| 硬质/柔性导线                              | Solid/flexible [mm <sup>2</sup> ] |                       |     |     |
| 材料                                   |                                   | Material              |     |     |
| 绝缘材料                                 | Insulation Material               | PA66                  |     |     |
| 阻燃等级                                 | Imflammability                    | UL94V-0               |     |     |
| 导体材料                                 | Contact Material                  | 铜合金 Copper alloy      |     |     |
| 导体表面镀层                               | Contactive Coating                | 镀镍 Ni Plated          |     |     |
| 一般参数                                 |                                   | Other Data            |     |     |
| 间距                                   | Pitch / 极数 Poles [mm] / [P]       | 3.81 / 02~24          |     |     |
| 剥线长度                                 | Stripping Length [mm]             | 6~7                   |     |     |
| 螺丝                                   | Screw/ 扭矩 Torque(Max) [N.m]       | M2/0.2                |     |     |
| 工作温度                                 | Operating temperature [°C]        | -40~105               |     |     |
| 焊锡温度                                 | Soldering temperature             | -                     |     |     |
| 引脚尺寸                                 | Pin Dimensions [mm]               | -                     |     |     |
| PCB板孔径                               | PCB Hole Diameter [mm]            | -                     |     |     |

| linear dimension(Tolerances Standard GB/T 14486-2008) |       |              |               |               |                |                 |                |                |                 |      |
|---|-------|--------------|---------------|---------------|----------------|-----------------|----------------|----------------|-----------------|------|
| variable range  | to 6  | over 6 to 10 | over 10 to 30 | over 30 to 60 | over 60 to 100 | over 100 to 160 | over 160 to 10 | over 10 to 100 | over 100 to 100 |      |
| tolerance   | ±0.20 | ±0.30        | ±0.50         | ±0.70         | ±1.00          | ±1.30           | ±1.60          | 0.10           | 0.30            | 0.60 |

Contact:sales@nbkafeng.com

|  |    |         |    |          |     |                             |          |                    |
|--|----|---------|----|----------|-----|-----------------------------|----------|--------------------|
| 单位/UNITS                                       | mm | 尺寸/SIZE | A4 | 比例/SCALE | 2:1 | 第三视角/THIRD ANGLE PROJECTION | 版本/REV   | V0                 |
|  |    |         |    |          |     |                             | 名称/TITLE | KF15EDGKC-3.81-XXP |
| 宁波咖峰电子有限公司<br>NINGBO KAFENG ELECTRONIC CO.,LTD |    |         |    |          |     |                             |          |                    |