

产品编号 : 22041071

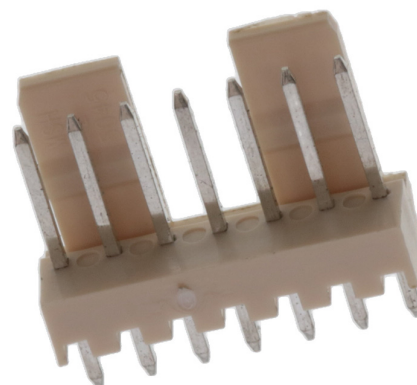
**Product Description** : Mini-Latch / KK  
 Wire-to-Board Header, Vertical, with  
 Friction Ramp, 7 Circuits, Tin (Sn)  
 Plating, Natural

系列号 : 5045

状态 : New Business Not Supported

**Product Category** : PCB Headers and  
 Receptacles

工程编号 : 5045-07A



## 文件和资源

## 产物环境合规

### 合规

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44                                                           |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2023)3788-DC<br>(14 Jun 2023)                                     |
| EU RoHS            | Compliant per EU 2015/863                                                             |

### 多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen

### 多部分行业合规性文件

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### 欧盟 RoHS 合格证书

产品详情

常规

|      |                                                                                                           |
|------|-----------------------------------------------------------------------------------------------------------|
| 状态   | New Business Not Supported                                                                                |
| 类别   | PCB Headers and Receptacles                                                                               |
| 系列   | 5045                                                                                                      |
| 说明   | Mini-Latch / KK Wire-to-Board Header, Vertical, with Friction Ramp, 7 Circuits, Tin (Sn) Plating, Natural |
| 应用   | Signal, Wire-to-Board                                                                                     |
| 元件类型 | PCB Header                                                                                                |
| 产品系列 | Mini-Latch Wire-to-Board / Wire-to-Wire Connector System                                                  |
| 产品名称 | KK, Mini-Latch                                                                                            |
| UPC  | 800753591240                                                                                              |

机构

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

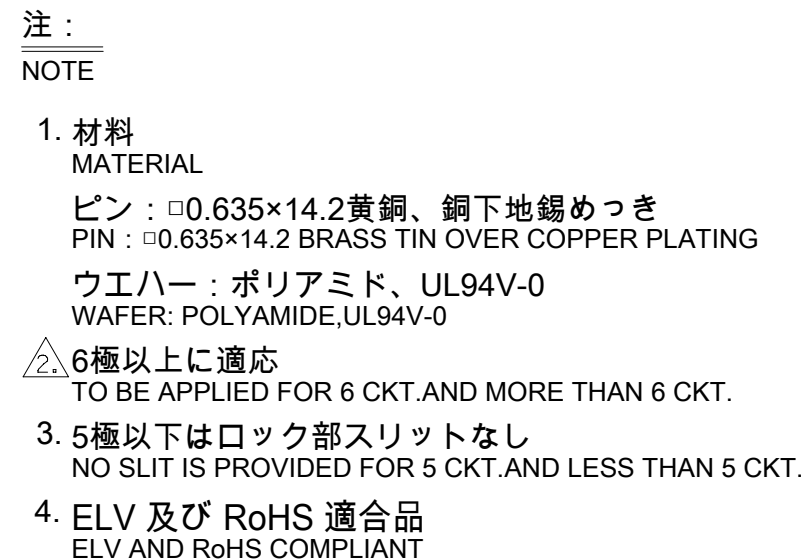
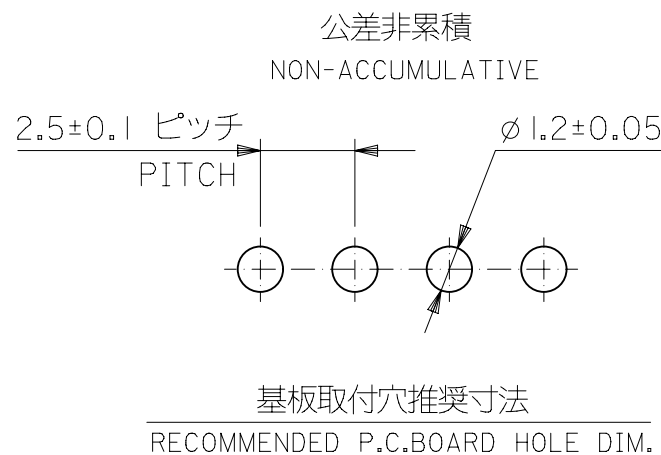
电气

|         |       |
|---------|-------|
| 每触点最大电流 | 3. 0A |
| 电压 - 最大 | 250V  |

物理

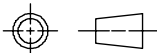
|                  |         |
|------------------|---------|
| 断开               | 否       |
| 回路数（已载入）         | 7       |
| 电路数（最多）          | 7       |
| 颜色-树脂            | Natural |
| 耐用性(插拔次数) - 最多次数 | 30      |
| 先接后断             | 否       |
| 阻燃性              | 94V-0   |
| 符合灼热丝规范          | 否       |
| 可配插产品指南          | 否       |
| 插接极性             | 无       |
| 锁定插接部位           | 是       |
| 材料 - 金属          | Brass   |

|             |                 |
|-------------|-----------------|
| 材料 - 接合部位电镀 | Tin             |
| 材料 - 终端电镀   | Tin             |
| 材料 - 树脂     | Polyamide       |
| 净重          | 707.000/mg      |
| 行数          | 1               |
| 方向          | 垂直              |
| 包装形式        | Bag             |
| PC 焊脚长度     | 3.40mm          |
| PCB 定位器     | 否               |
| PCB 保持力     | 无               |
| 推荐的 PCB 厚度  | 1.60mm          |
| 间距 - 插配接口   | 2.50mm          |
| 间距 - 终端界面   | 2.50mm          |
| 最薄镀层 - 接合部位 | 5.080μm         |
| 最薄镀层 - 端接   | 5.080μm         |
| PCB 极性      | 否               |
| 有护墙的        | Partial         |
| 可堆叠的        | 否               |
| 运行温度范围      | -40° to +105° C |
| 终端界面类型      | Through Hole    |



|      |      |                                 |      |            |      |      |
|------|------|---------------------------------|------|------------|------|------|
| 1.35 | 0.85 | 35 <sup>+0.3<br/>-0.45</sup>    | 35   | 22 04 1151 | 15   |      |
| ▲    | ▲    | 32.5 <sup>+0.25<br/>-0.45</sup> | 32.5 | ▲          | 1141 | 14   |
|      |      | 30 <sup>+0.25<br/>-0.4</sup>    | 30   |            | 1131 | 13   |
|      |      | 27.5 <sup>+0.25<br/>-0.4</sup>  | 27.5 |            | 1121 | 12   |
|      |      | 25 <sup>+0.2<br/>-0.4</sup>     | 25   |            | 1111 | 11   |
|      |      | 22.5 <sup>+0.2<br/>-0.4</sup>   | 22.5 |            | 1101 | 10   |
|      |      | 20 <sup>+0.15<br/>-0.35</sup>   | 20   |            | 1091 | 9    |
|      |      | 17.5 <sup>+0.15<br/>-0.35</sup> | 17.5 |            | 1081 | 8    |
|      |      | 15 <sup>+0.1<br/>-0.3</sup>     | 15   |            | 1071 | 7    |
|      |      | 12.5 <sup>+0.1<br/>-0.3</sup>   | 12.5 |            | 1061 | 6    |
| ▼    | ▼    | 10 <sup>+0.15<br/>-0.3</sup>    | 10   |            | 1051 | 5    |
| 1.35 | 0.85 | 7.5 <sup>+0.15<br/>-0.3</sup>   | 7.5  |            | 1041 | 4    |
| 1.2  | 1    | 5 <sup>+0.15<br/>-0.3</sup>     | 5    | ▼          | 1031 | 3    |
| 1.2  | 1    | 2.5 <sup>+0.15<br/>-0.3</sup>   | 2.5  | 22 04 1021 | 2    |      |
| D    | E    | C                               | B    | ORDER No.  | 楦数   | CKT. |

MODEL No. : 5045-**\*\*A**

|                                                                                                                                               |  |                     |            |              |                                       |                                                                                       |                 |            |       |                                             |        |                 |  |                |  |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|------------|--------------|---------------------------------------|---------------------------------------------------------------------------------------|-----------------|------------|-------|---------------------------------------------|--------|-----------------|--|----------------|--|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                     |            |              |                                       |                                                                                       |                 |            |       |                                             |        |                 |  |                |  |              |  |
| REVISED<br>EC NO: 167225<br>DRWN: KYAMADA02<br>CHK'D: SAKIYAMA<br>APPR: TKANEKO                                                               |  | 2017/10/18          | 2017/10/26 | 2017/10/26   | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                       | DIMENSION UNITS |            | SCALE |                                             | molex® |                 |  |                |  |              |  |
|                                                                                                                                               |  | mm                  |            | 5:1          |                                       |                                                                                       |                 |            |       |                                             |        |                 |  |                |  |              |  |
|                                                                                                                                               |  | ANGULAR TOL ± 3.0 ° |            |              |                                       | DRWN BY                                                                               |                 | DATE       |       | MINI-LATCH 2.5 HEADER ASS'Y ST<br>WITH LOCK |        |                 |  |                |  |              |  |
|                                                                                                                                               |  |                     |            |              |                                       | KKOHAMA                                                                               |                 | 2000/03/27 |       |                                             |        |                 |  |                |  |              |  |
|                                                                                                                                               |  | 4 PLACES            |            | ±            | 0.4                                   | CHK'D BY                                                                              |                 | DATE       |       |                                             |        |                 |  |                |  |              |  |
|                                                                                                                                               |  | 3 PLACES            |            | ±            | 0.4                                   | KASAKAWA                                                                              |                 | 2012/01/30 |       |                                             |        |                 |  |                |  |              |  |
|                                                                                                                                               |  | 2 PLACES            |            | ±            | 0.4                                   | APPR BY                                                                               |                 | DATE       |       | PRODUCT CUSTOMER DRAWING                    |        |                 |  |                |  |              |  |
|                                                                                                                                               |  | 1 PLACE             |            | ±            | 0.4                                   | NUKITA                                                                                |                 | 2013/06/13 |       |                                             |        |                 |  |                |  |              |  |
| 0 PLACES                                                                                                                                      |  | ±                   | 0.4        | DRAWING SIZE |                                       | THIRD ANGLE PROJECTION                                                                |                 |            |       | SERIES                                      |        | MATERIAL NUMBER |  | CUSTOMER       |  |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |                     |            | A3           |                                       |  |                 |            |       | 5045                                        |        | SEE CHART       |  | GENERAL MARKET |  |              |  |
|                                                                                                                                               |  |                     |            |              |                                       |                                                                                       |                 |            |       | DOCUMENT NUMBER                             |        | DOC TYPE        |  | DOC PART       |  | SHEET NUMBER |  |
| M                                                                                                                                             |  | REV                 |            |              |                                       |                                                                                       |                 | SD-5045-NA |       |                                             |        | PSD             |  | 001            |  | 1 OF 1       |  |