



Recommended PCB Layout  
Layout Tolerance ±0.05mm

1、SPECIFICATIONS:

Current Rating : 1.0 A  
 Current Voltage : 125V AC/DC  
 Contact Resistance : 20mΩ Max  
 Insulation Resistance : 500MΩ Min  
 Withstand Voltage : 500V AC/minute  
 Operation Temperature : -40° C ~ +105° C

2、MATERIALS:

Contact Material : Copper Alloy  
 Contact Plating : G/F or Tin over Ni  
 Insulator Material : PA6T BK (UL94V-0)  
 Max Processing Temp : 260±5° C for 30~60 Seconds

Ordering Informations

5111 XXX X S XX M R XX

- ①
- ②
- ③
- ④
- ⑤
- ⑥
- ⑦
- ⑧

- ① 5111 Ejector Header 1.27 Series
- ② XXX NO. of Contacts 016=18PIN 006~064P
- ③ X Insulator Material A=PBRT C=PA6T D=PA6T
- ④ S Latch Type I=Long latch S=Short latch
- ⑤ XX Contact Plated GF=Gold Flash 30=98T Gold GI=1U" Gold G2=2U" Gold SN=Tin Plated .....
- ⑥ M Mounting Type D=DIP R=Right angle MS=MT
- ⑦ R Packing O=PE Bag T=Tube A=Tray P=Polytar+Tube R=Reel+Cap M=Water-Reel .....
- ⑧ XX Serial No. 01 01'99

| STANDARD |      |
|----------|------|
| D        | 0.10 |
| W        | 6.30 |

TOLERANCES UNLESS OTHERWISE SPECIFIED

.X ~~~~ ±0.30  
 .XX ~~~~ ±0.20  
 .XXX ~~~~ ±0.10  
 ANGLE ~~~~ ±5°

|         |                 |                   |                |
|---------|-----------------|-------------------|----------------|
| A1      | 210303001       | 21.03.03          | Pop Zhong      |
| A0      |                 |                   |                |
| REV NO. | 变更编号<br>ECN NO. | 描述<br>DESCRIPTION | 变更日期<br>DATE   |
| 1       |                 | 2                 | 变更人<br>CHANGER |

|               |        |         |
|---------------|--------|---------|
| 客户料号          | 变更日期   | 变更人     |
| CUSTOMER COPY | DATE   | CHANGER |
| 页码<br>SHEET   | 1 OF 1 |         |

|                     |                   |
|---------------------|-------------------|
| 品名规格<br>PART NO.    | 1.27牛角 nP SMT 短耳扣 |
| 物料号<br>MATERIAL NO. | 5111XXXXXXMRXX    |
| 图号<br>DWG NO.       | 20220301001       |
| 视图<br>PROJECTION    | 第一角               |
| 制图<br>DRAWING       | Pop Zhong         |
| 审核<br>CHECKED       |                   |
| 批准<br>APPROVED      | Robert Luo        |
| 日期<br>DATE          | 2025.09.20        |
| 单位<br>UNITS         | MM                |
| 比例<br>SCALE         | N:1               |
| 图幅<br>SIZE          | A4                |

**苏州金维益电子科技有限公司**  
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