



Recommended PCB Layout  
Layout Tolerance ±0.05mm

### 1、SPECIFICATOINS:

Current Rating : 2.0 A  
 Current Voltage : 250V AC/DC  
 Contact Resistance : 20mΩ Max  
 Insulation Resistance : 1000MΩ 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

59U21 XX X N XX M R XX  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① 59U21 Female Header 2.0 Single Row Series (U\_Type)
- ② XX NO. of Contacts Per Row 02=2PIN 02~40P
- ③ X Insulator Material A=PBT C=PA6T D=PA9T F=LCP
- ④ N Post N=WITHOUT POSTS W=WITH POSTS
- ⑤ XX Contact Plated GF=Gold Flash G1=1U" Gold SN=Tin Plated .....
- ⑥ M Mounting Type D=DIP R=Right Angle M=SMT
- ⑦ R Packing T=Tube A=Tray P=Mylar+Tube
- ⑧ XX Serial NO. 01 01~99

TOLERANCES UNLESS OTHERWISE SPECIFIED

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

**苏州金维益电子科技有限公司**  
**SUZHOU JINWEIYI ELECTRONICS & TECH CO.,LTD**

|                      |                 |                |            |            |                    |
|----------------------|-----------------|----------------|------------|------------|--------------------|
| 品名规格<br>PART NO.     | 2.0_单排母座_nP_SMT |                |            |            |                    |
| 物料编码<br>MATERIAL NO. | 59U21XXNXXMXX   | 制图<br>DRAWING  | Pop Zhang  | 2023.08.08 | 单位<br>UNITS<br>MM  |
| 图号<br>DWG NO.        | 20230808001     | 审核<br>CHECKED  |            |            | 比例<br>SCALE<br>N:1 |
| 视图<br>PROJECTION     | ① ②             | 批准<br>APPROVED | Robert Luo | 2023.08.08 | 图幅<br>SIZE<br>A4   |

|               |                 |                   |              |                |
|---------------|-----------------|-------------------|--------------|----------------|
| A1            | 210303001       | 刷新版面              | 21.03.03     | Pop Zhang      |
| AO            |                 |                   |              |                |
| 版本<br>REV NO. | 变更编号<br>ECN NO. | 描述<br>DESCRIPTION | 变更日期<br>DATE | 变更人<br>CHANGER |

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