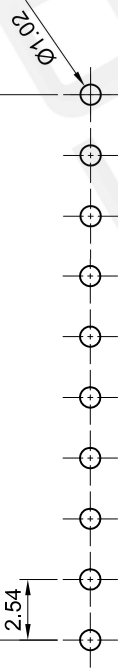
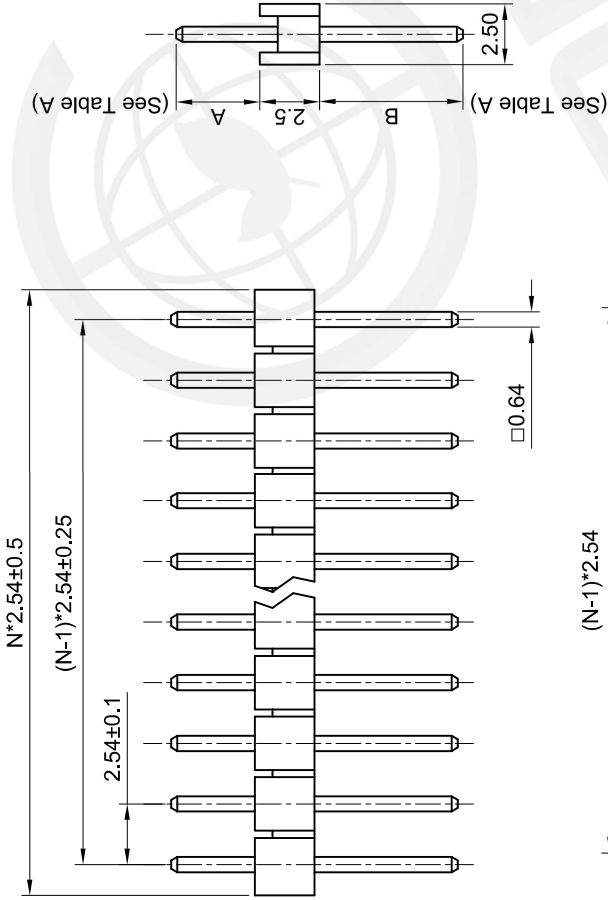
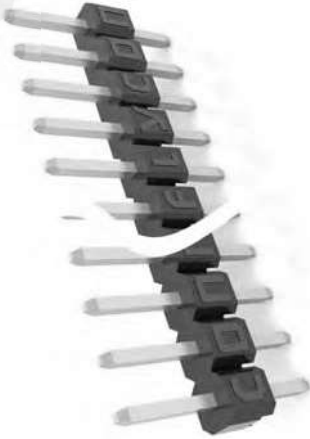


Single Row  
N: Number Of Contacts  
A/B: Customer Length Available



Recommend PCB Layout



(Series Image-Reference Only)

Notes:

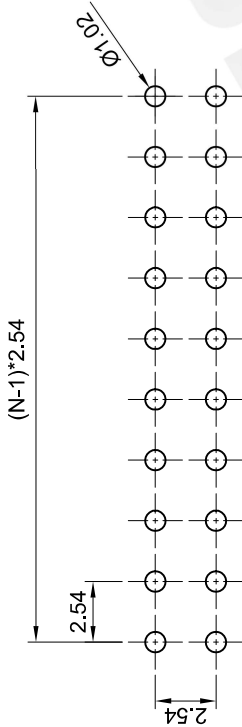
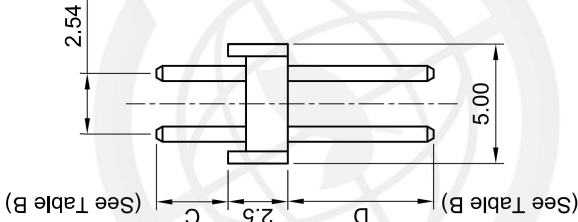
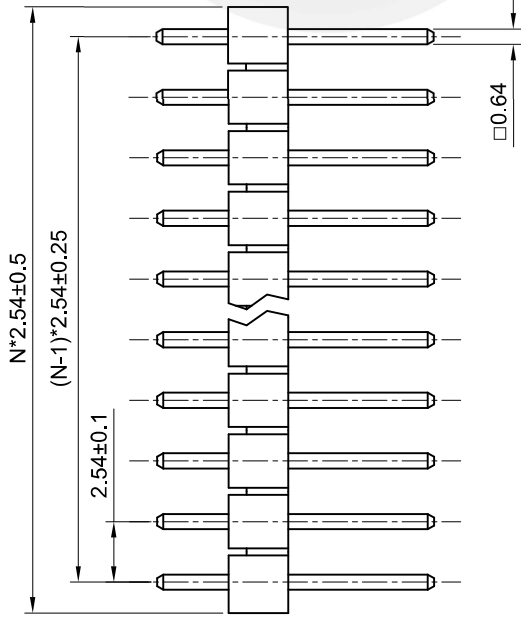
- 1.Electrical Characteristics:
  - 1.1 Contact Resistance: 20mΩ Max.
  - 1.2 Dielectric Withstanding Voltage: 600V AC(rms) For 1 Minute.
  - 1.3 Insulation Resistance: 1000MΩ Min.
  - 1.4 Current Rating: 3A.
  - 1.5 Voltage Rating: 250V AC rms.
- 2.Environment Characteristics:
  - 2.1 Temperature: -40℃~+105℃.
- 3.Materials:
  - 3.1 Contact Material: Copper Alloy.
  - 3.2 Contact Plating: Gold Plating Over Nickel.
  - 3.3 Insulator Materials: PBT,Black,UL94-V0.
- 4.Product Number Code:

DS1021- X X X X X - X  
Plating Level  
3A: Level 3A B: Level B  
N: Level N  
Table A & B Dim.Type  
1: Type 1  
2: Type 2  
or -A\*-B\*  
Contact Plating  
F1: Full Gold Flash  
Mounting Type  
S: Straight Type  
No. Of Contacts  
1x1~1x40

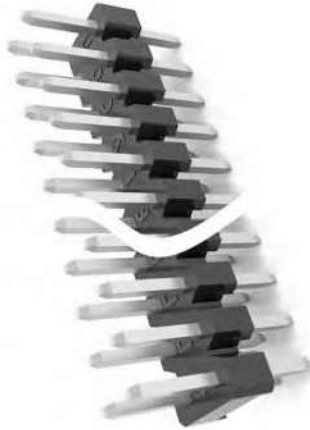
| GENERAL TOLERANCE     |       | ANGLE TOLERANCE    |     | PROJECTION                                                                          |  |  |  | TITLE  |  | 2.54mm Pin Header V/T Type |  |
|-----------------------|-------|--------------------|-----|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|--------|--|----------------------------|--|
| X.                    | ±0.60 | X.                 | ±5° | UNITS                                                                               |  | mm                                                                                  |  |        |  | Single Row                 |  |
| .X                    | ±0.38 | .X                 | ±3° | SHEET SIZE                                                                          |  | A4                                                                                  |  |        |  |                            |  |
| .XX                   | ±0.25 | .XX                | ±2° |                                                                                     |  |                                                                                     |  | SERIES |  | DS1021 SERIES              |  |
| DRAWING TYPE CUSTOMER |       |                    |     |  |  |                                                                                     |  |        |  |                            |  |
| SCALE                 |       | 1:1                |     | SHEET                                                                               |  | 1                                                                                   |  | OF     |  | 2                          |  |
| DRAWING NO.           |       | C-DS1021-XXXXX-X-0 |     | 晨翔电子有限公司<br>CONNFLY CONNFLY ELECTRONIC CO., LTD                                     |  |                                                                                     |  |        |  |                            |  |



Double Row  
N: Number Of Contacts/2  
C/D: Customer Length Available



Recommend PCB Layout



(Series Image-Reference Only)

Notes:

- 1.Electrical Characteristics:
  - 1.1 Contact Resistance: 20mΩ Max.
  - 1.2 Dielectric Withstanding Voltage: 600V AC(rms) For 1 Minute.
  - 1.3 Insulation Resistance: 1000MΩ Min.
  - 1.4 Current Rating:3A.
  - 1.5 Voltage Rating:250V AC rms.
- 2.Environment Characteristics:
  - 2.1 Temperature: -40℃~+105℃.
- 3.Materials:
  - 3.1 Contact Material: Copper Alloy.
  - 3.2 Contact Plating: Gold Plating Over Nickel.
  - 3.3 Insulator Materials: PBT,Black,UL94-V0.
- 4.Product Number Code:

DS1021- X X X X X - X  
Plating Level  
3A: Level 3A B: Level B  
N: Level N  
Table C & D Dim. Type  
1: Type 1  
2: Type 2  
or -C\*,-D\*\*  
Contact Plating  
F1: Full Gold Flash  
Mounting Type  
S: Straight Type  
No. Of Contacts  
2x1~2x40

| REV. | DESCRIPTION    | DRAWN         | CHECKED | APPROVED      |
|------|----------------|---------------|---------|---------------|
| A    | NEW RELEASE    | LL 07/03/06'  | ✓       | LJC 07/03/06' |
| O    | DRAWING UPDATE | JLZ 09/18/18' | ✓       |               |
| P    | DRAWING UPDATE | JLZ 06/08/21' | ✓       |               |

| GENERAL TOLERANCE                                                                                                                             |       | ANGLE             | TOLERANCE | PROJECTION |  | TITLE  | 2.54mm Pin Header V/T Type |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------|-----------|------------|-------------------------------------------------------------------------------------|--------|----------------------------|
|                                                                                                                                               |       |                   |           | UNITS      | mm                                                                                  |        | Double Row                 |
| X.                                                                                                                                            | ±0.60 | X.                | ±5°       |            |                                                                                     |        |                            |
| .X                                                                                                                                            | ±0.38 | .X                | ±3°       |            |                                                                                     |        |                            |
| .XX                                                                                                                                           | ±0.25 | .XX               | ±2°       |            |                                                                                     |        |                            |
| DRAWING TYPE                                                                                                                                  |       | CUSTOMER          |           | SHEET SIZE | A4                                                                                  | SERIES | DS1021 SERIES              |
| SCALE                                                                                                                                         |       | 1:1               | SHEET     | 1 OF 2     |                                                                                     |        |                            |
| DRAWING NO.                                                                                                                                   |       | C-DS1021-XXXX-X-0 |           |            |                                                                                     |        |                            |
| <div>晨翔电子有限公司<br/>CONNFLY CONNFLY ELECTRONIC CO. LTD</div> |       |                   |           |            |                                                                                     |        |                            |



