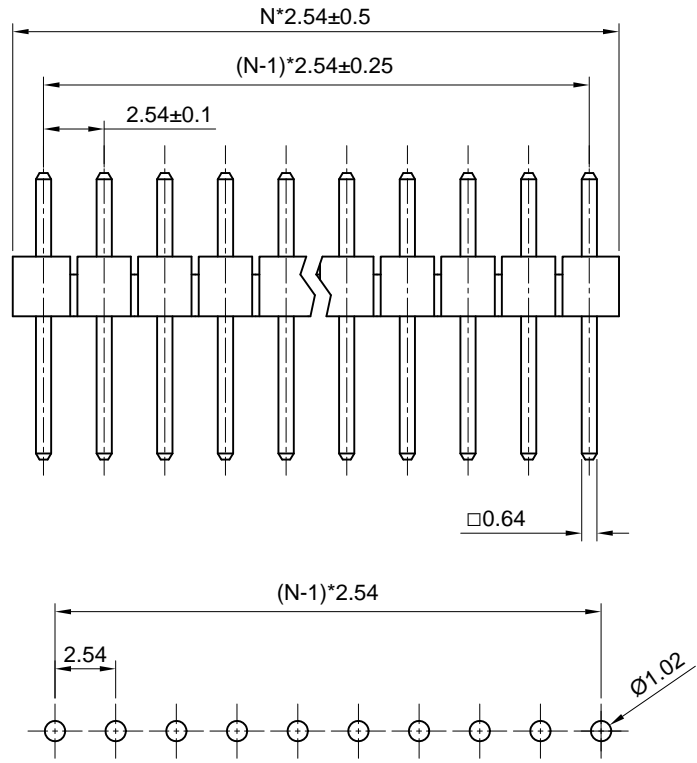
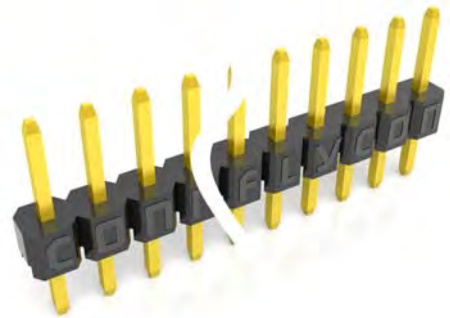


| | |
|------|---|
| Dept | |
| Qty | |
| DC | 1 |
| ED | 1 |
| IE | 1 |
| ISO | 1 |
| PD | 1 |
| R&D | 1 |
| SD | 1 |
| QA | 1 |
| QC | 1 |
| QE | 1 |

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



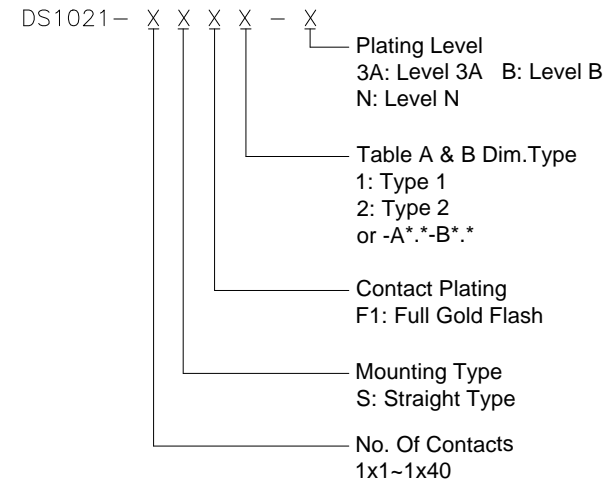
Recommend PCB Layout



(Series Image-Reference Only)

| 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' | | |

- Notes:
- Electrical Characteristics:
 - Contact Resistance: 20mΩ Max.
 - Dielectric Withstanding Voltage: 600V AC(rms) For 1 Minute.
 - Insulation Resistance: 1000MΩ Min.
 - Current Rating: 3A.
 - Voltage Rating: 250V AC rms.
 - Environment Characteristics:
 - Temperature: -40°C~+105°C.
 - Materials:
 - Contact Material: Copper Alloy.
 - Contact Plating: Gold Plating Over Nickel.
 - Insulator Materials: PBT, Black, UL94-V0.
 - Product Number Code:



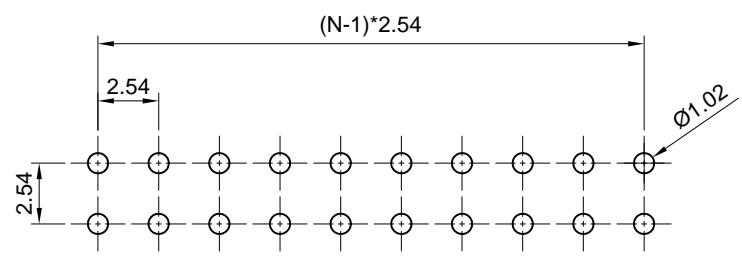
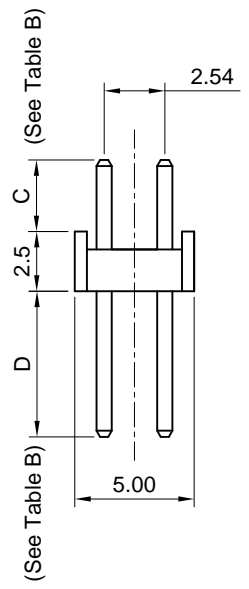
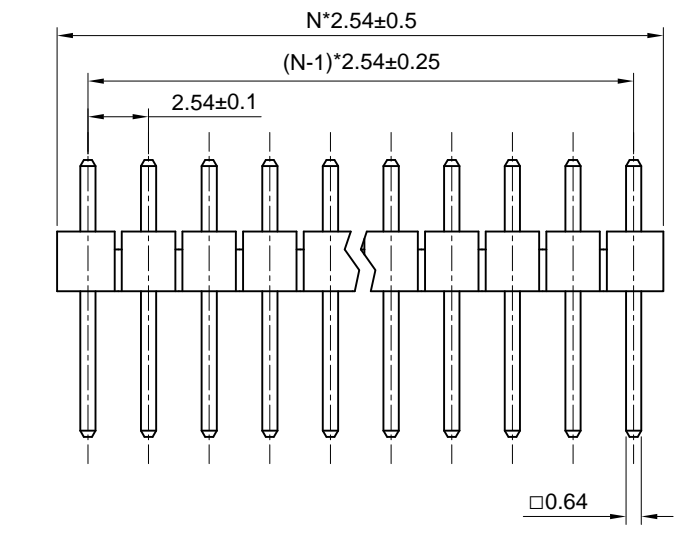
| | | | | | | | | |
|-------------------|--------------------|-----------------|--------|------------|----|------------|--|--|
| GENERAL TOLERANCE | | ANGLE TOLERANCE | | PROJECTION | | TITLE | 2.54mm Pin Header V/T Type Single Row | |
| X. | ±0.60 | X. | ±5° | UNITS | mm | SHEET SIZE | A4 | |
| .X | ±0.38 | .X | ±3° | SHEET SIZE | A4 | SERIES | DS1021 SERIES | |
| .XX | ±0.25 | .XX | ±2° | | | | | |
| DRAWING TYPE | | CUSTOMER | | | | | | |
| SCALE | 1:1 | SHEET | 1 OF 2 | | | | | |
| DRAWING NO. | C-DS1021-XXXXX-X-0 | | | | | | | |

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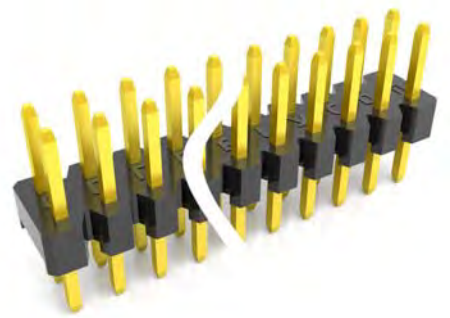
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| | |
|------|---|
| Dept | |
| Qty | |
| DC | 1 |
| ED | 1 |
| IE | 1 |
| ISO | 1 |
| PD | 1 |
| R&D | 1 |
| SD | 1 |
| QA | 1 |
| QC | 1 |
| QF | 1 |

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



Recommend PCB Layout



(Series Image-Reference Only)

| 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' | | |

- Notes:
- Electrical Characteristics:
 - Contact Resistance: 20mΩ Max.
 - Dielectric Withstanding Voltage: 600V AC(rms) For 1 Minute.
 - Insulation Resistance: 1000MΩ Min.
 - Current Rating: 3A.
 - Voltage Rating: 250V AC rms.
 - Environment Characteristics:
 - Temperature: -40°C~+105°C.
 - Materials:
 - Contact Material: Copper Alloy.
 - Contact Plating: Gold Plating Over Nickel.
 - Insulator Materials: PBT, Black, UL94-V0.
 - Product Number Code:

DS1021 - 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

| | | | | | | | | |
|-------------------|-------|--------------------|--------|------------|----|--------|--|--|
| GENERAL TOLERANCE | | ANGLE TOLERANCE | | PROJECTION | | TITLE | 2.54mm Pin Header V/T Type Double Row | |
| X. | ±0.60 | X. | ±5° | UNITS | mm | | | |
| .X | ±0.38 | .X | ±3° | SHEET SIZE | A4 | SERIES | DS1021 SERIES | |
| .XX | ±0.25 | .XX | ±2° | | | | | |
| DRAWING TYPE | | CUSTOMER | | | | | | |
| SCALE | 1:1 | SHEET | 1 OF 2 | | | | | |
| DRAWING NO. | | C-DS1021-XXXXX-X-0 | | | | | | |

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Dept
Qty
DC 1
ED 1
IE 1
ISO 1
PD 1
R&D 1
SD 1
QA 1
QC 1
QE 1

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TABLE B:

| TYPE | Dimension | |
|------|-----------|-------|
| | C | D |
| 1 | 3.00 | 6.10 |
| 2 | 3.00 | 7.50 |
| 3 | 3.00 | 10.50 |
| 4 | 0.00 | 13.50 |
| 5 | 2.50 | 5.80 |
| 6 | 3.00 | 7.10 |
| 7 | 3.00 | 8.30 |
| 8 | 3.00 | 9.30 |
| 9 | 3.00 | 12.30 |
| 10 | 3.00 | 14.50 |
| 11 | 3.00 | 5.30 |
| 12 | 3.00 | 14.30 |
| 13 | 3.00 | 11.50 |
| 14 | 3.00 | 13.50 |
| 15 | 2.50 | 16.00 |
| 16 | 3.00 | 3.00 |
| 17 | 3.00 | 9.50 |
| 18 | 3.00 | 19.50 |
| 19 | 6.00 | 15.40 |
| 20 | 3.00 | 5.96 |
| 21 | 3.00 | 6.96 |
| 22 | 3.00 | 15.90 |
| 23 | 3.00 | 24.50 |
| 24 | 3.00 | 29.50 |
| 25 | 3.00 | 34.50 |
| 26 | 3.00 | 8.50 |
| 27 | 3.00 | 18.50 |
| 28 | 3.00 | 12.50 |
| 29 | 4.00 | 10.50 |

TABLE B:

| TYPE | Dimension | |
|------|-----------|-------|
| | C | D |
| 30 | 3.00 | 16.50 |
| 31 | 3.00 | 21.50 |
| 32 | 3.24 | 8.16 |
| 33 | 2.20 | 6.10 |
| 34 | 3.50 | 11.00 |
| 35 | 3.00 | 5.50 |
| 36 | 3.00 | 4.50 |
| 37 | 3.30 | 15.60 |
| 38 | 3.00 | 17.30 |
| 39 | 3.00 | 30.50 |
| 40 | 3.00 | 15.50 |
| 41 | 3.00 | 6.50 |
| 42 | 2.50 | 10.00 |
| 43 | 2.41 | 12.07 |
| 44 | 3.00 | 25.00 |
| 45 | 4.00 | 6.00 |
| 46 | 3.00 | 15.00 |
| 47 | 2.46 | 5.70 |
| 48 | 3.00 | 16.10 |
| 49 | 3.00 | 11.96 |
| 50 | 6.50 | 12.00 |
| 51 | 3.00 | 8.96 |
| 52 | 3.00 | 9.00 |
| 53 | 4.25 | 4.25 |
| 54 | 3.50 | 9.50 |
| 55 | 3.10 | 6.00 |
| 56 | 8.70 | 6.00 |
| 57 | 4.20 | 7.80 |
| 58 | 3.30 | 6.80 |

TABLE B:

| TYPE | Dimension | |
|------|-----------|-------|
| | C | D |
| 59 | 3.00 | 12.40 |
| 60 | 3.00 | 14.30 |
| 61 | 5.00 | 16.50 |
| 62 | 3.00 | 5.00 |
| 63 | 5.33 | 5.84 |
| 64 | 5.84 | 15.49 |
| 65 | 3.00 | 3.50 |
| 66 | 20.00 | 3.00 |
| 67 | 5.33 | 5.84 |
| 68 | 5.50 | 3.30 |
| 69 | 3.50 | 14.00 |
| 70 | 6.00 | 10.00 |

TABLE B:

| TYPE | Dimension | |
|------|-----------|---|
| | C | D |
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
TABLE B:


| TYPE | Dimension | |
|------|-----------|---|
| | C | D |
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TABLE B:

| TYPE | Dimension | |
|------|-----------|---|
| | C | D |
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| GENERAL TOLERANCE | | ANGLE TOLERANCE | |
|-------------------|-------|--------------------|--------------|
| X. | ±0.60 | X. | ±5° |
| .X | ±0.38 | .X | ±3° |
| .XX | ±0.25 | .XX | ±2° |
| DRAWING TYPE | | CUSTOMER | |
| SCALE | | 1:1 | SHEET 2 OF 2 |
| DRAWING NO. | | C-DS1021-XXXXX-X-0 | |

| | | | | |
|------------|---|--------|---------------------------------------|--|
| PROJECTION |  | TITLE | 2.54mm Pin Header V/T Type Double Row | |
| UNITS | mm | | | |
| SHEET SIZE | A4 | SERIES | DS1021 SERIES | |


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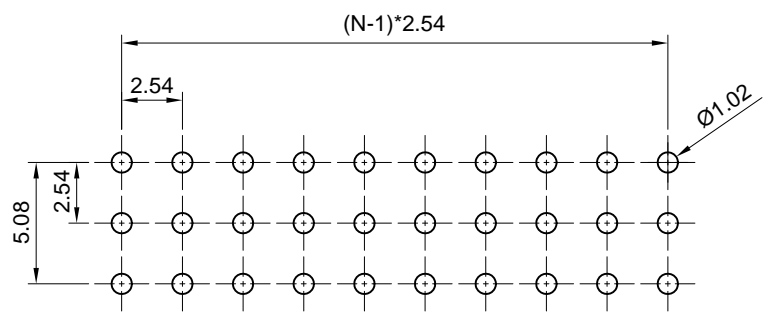
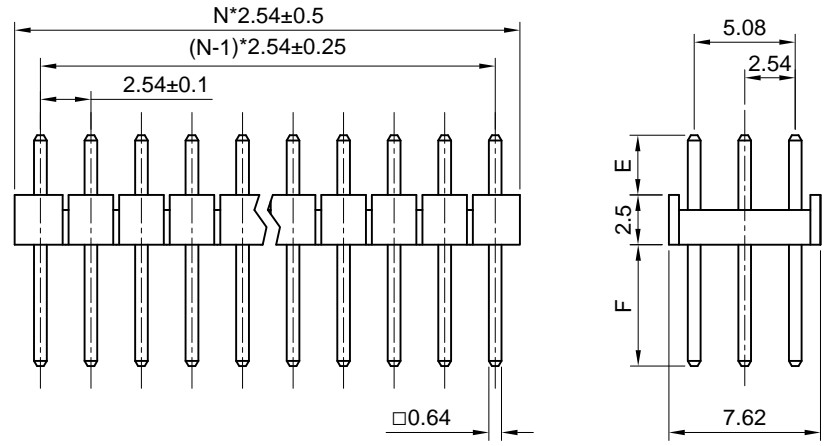
A
B
C
D
E
F
G
H

A
B
C
D
E
F
G
H

| | |
|------|---|
| Dept | |
| Qty | |
| DC | 1 |
| ED | 1 |
| IE | 1 |
| ISO | 1 |
| PD | 1 |
| R&D | 1 |
| SD | 1 |
| QA | 1 |
| QC | 1 |
| QF | 1 |

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Three rows
 N: Number of contacts/3
 E/F: Customer length available



Recommend PCB Layout



(Series Image-Reference Only)

TABLE C:

| TYPE | Dimension | |
|------|-----------|------|
| | E | F |
| 1 | 3.00 | 6.10 |
| 2 | 7.15 | 7.15 |

| 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' | | |

- Notes:
- Electrical Characteristics:
 - Contact Resistance: 20mΩ Max.
 - Dielectric Withstanding Voltage: 600V AC(rms) For 1 Minute.
 - Insulation Resistance: 1000MΩ Min.
 - Current Rating: 3A.
 - Voltage Rating: 250V AC rms.
 - Environment Characteristics:
 - Temperature: -40°C~+105°C.
 - Materials:
 - Contact Material: Copper Alloy.
 - Contact Plating: Gold Plating Over Nickel.
 - Insulator Materials: PBT, Black, UL94-V0.
 - Product Number Code:

DS1021-X X X X - X

- PLATING LEVEL
3A: Level 3A B: Level B
N: Level N
- Table C & DIM. type
1: Type 1
2: Type 2
.....
or -E*.*-F*.*
- Contact plating
F1: Full gold flash
- Mounting type
S: Straight type
- No. of contacts
3x1~3x40

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

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