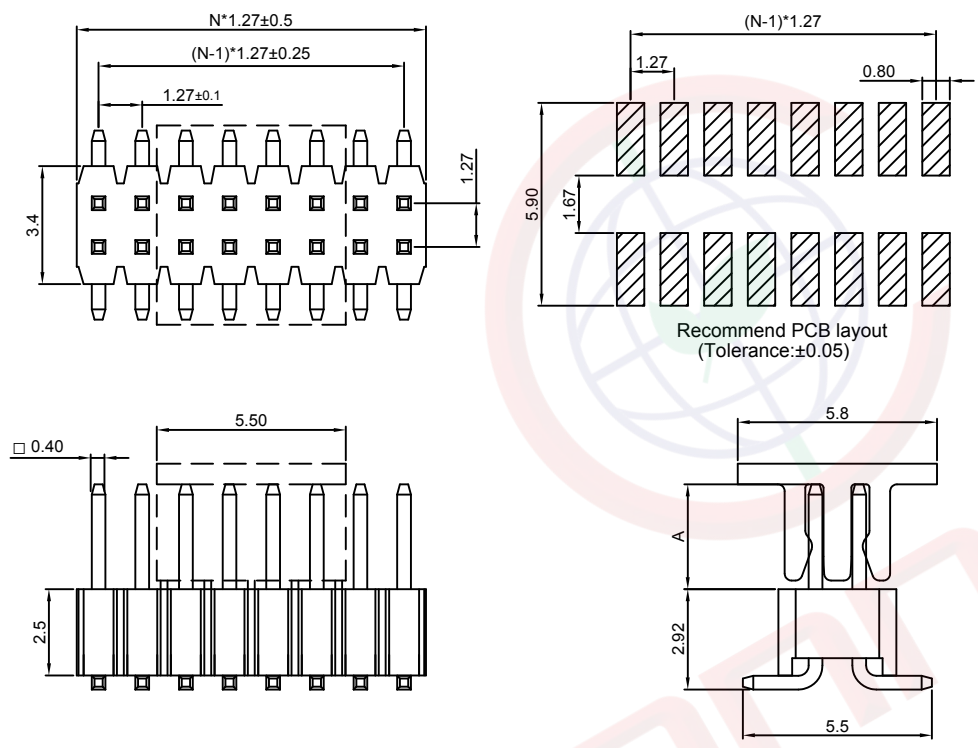


| | |
|------|---|
| Dept | |
| Qty | |
| DC | 1 |
| ED | 1 |
| IE | 1 |
| ISO | 1 |
| PD | 1 |
| R&D | 1 |
| SD | 1 |
| QA | 1 |
| QC | 1 |
| QE | 1 |

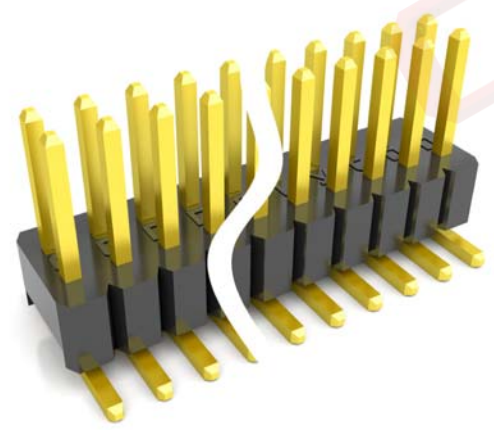
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N=Number of contacts/2



Recommend PCB layout
(Tolerance: ± 0.05)

| Type | DIM A |
|------|-------|
| 1 | 3.05 |
| 2 | 1.91 |
| 3 | 1.65 |
| 4 | 3.81 |



(Series Image-Reference Only)

| REV. | DESCRIPTION | DRAWN | CHECKED | APPROVED |
|------|----------------|---------------|---------------|---------------|
| A | NEW RELEASE | YCH 05/10/12' | | LJC 05/10/12' |
| B | DRAWING UPDATE | JLZ 05/13/16' | HZW 05/13/16' | LJC 05/13/16' |
| C | DRAWING UPDATE | JLZ 12/16/19' | | |

Notes:

Specifications:

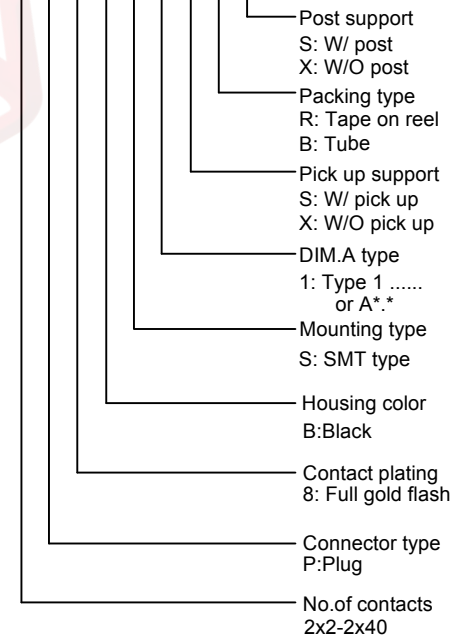
- Contact Resistance: 20mΩ Max.
- Insulation Resistance: 1000MΩ Min.
- Dielectric Withstanding Voltage: 300V AC(rms) For 1 Minute.
- Current Rating: 1A.
- Temperature: -40°C~+105°C.

Materials:

- Contact Material: Copper Alloy.
- Contact Plating: Gold Plating Over Nickel.
- Insulator Material: High temp, Black, UL94-V0.

Product Number Code:

DS1031-37 - X X X X X X X X - 3A



| | | | | | | | |
|-------------------|------------|--------------------------|---------------|--|----|-----------------------|-----------------------|
| GENERAL TOLERANCE | | ANGLE TOLERANCE | | PROJECTION | | TITLE | DOUBLE ROW PIN HEADER |
| X. | ± 0.60 | X. | $\pm 5^\circ$ | UNITS | mm | PITCH 1.27mm SMT TYPE | |
| .X | ± 0.38 | .X | $\pm 3^\circ$ | SHEET SIZE | A4 | SERIES | DS1031-37 SERIES |
| .XX | ± 0.25 | .XX | $\pm 2^\circ$ | 晨翔电子有限公司 CONNFLY CONNELY ELECTRONIC CO. LTD | | | |
| DRAWING TYPE | | CUSTOMER | | | | | |
| SCALE | 1:1 | SHEET | 1 OF 1 | | | | |
| DRAWING NO. | | C-DS1031-37-XXXXXXX-3A-C | | | | | |