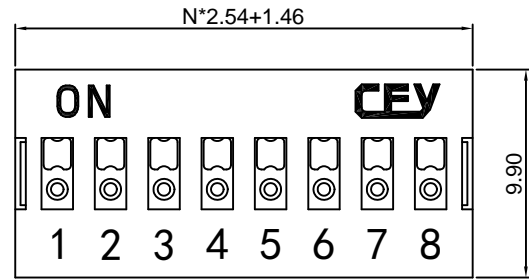
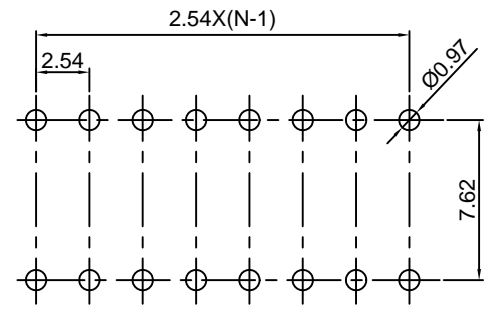
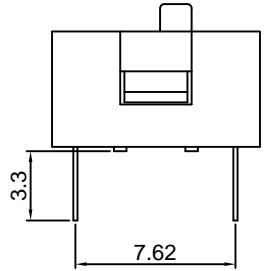
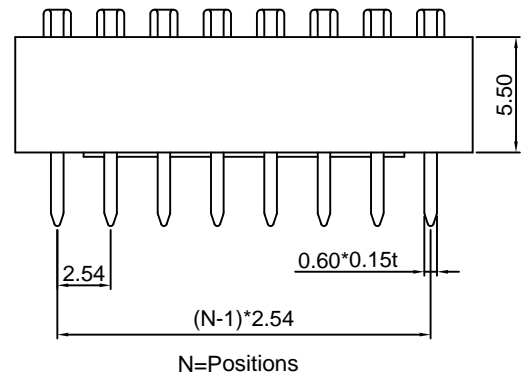


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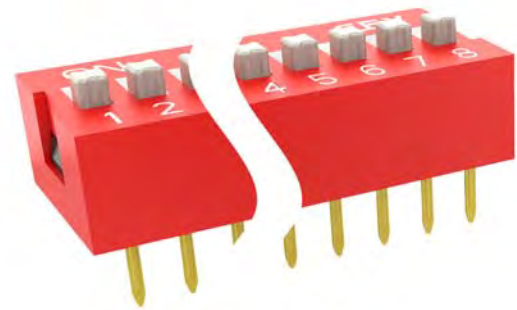
| REV. | DESCRIPTION    | DRAWN         | CHECKED | APPROVED      |
|------|----------------|---------------|---------|---------------|
| A    | NEW RELEASE    | YCH 12/13/08' |         | LJC 12/13/08' |
| E    | DRAWING UPDATE | JLZ 07/05/19' |         |               |
|      |                |               |         |               |



**Warning:**  
During the soldering process,  
The switch must be turned off.



Recommend PCB layout  
(Tolerance:±0.05)

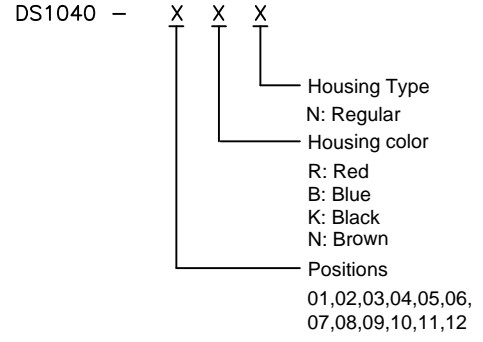


(Series Image-Reference Only)

**NOTES:**

- Mechanical
  - 1.1 Operation Force: 800g Max
  - 1.2 Stroke: 1.90mm
  - 1.3 Temperature Range: -40°C~+105°C
- Materials
  - 2.1 Base: Engineering Plastics,Black
  - 2.2 Cover: Engineering Plastics,Red or Blue
  - 2.3 Acuator: Engineering Plastics,White
  - 2.4 Contact: Copper Alloy, Gold plating
- Electrical
  - 3.1 Electrical Life: 2000 cycles.
  - 3.2 Contact resistance: 100mΩ Max.
  - 3.3 Insulation Resistance: 1000MΩ at 500VDC.
  - 3.4 Dielectric Withstanding Voltage: 500VAC per 1 minute
  - 3.5 Circuit: Single pole single throw
  - 3.6 Current Rating:100mA
  - 3.7 Voltage Rating:24V AC/DC

4. Product number code:

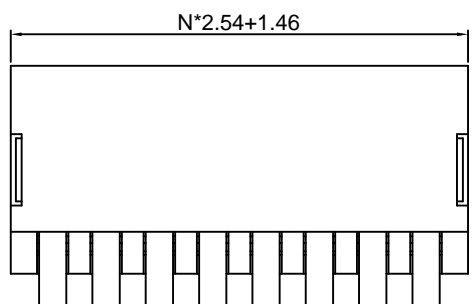


|                   |       |                 |        |  |    |        |                                   |  |
|-------------------|-------|-----------------|--------|--|----|--------|-----------------------------------|--|
| GENERAL TOLERANCE |       | ANGLE TOLERANCE |        | PROJECTION   |    | TITLE  | 2.54mm DIP SWITCH<br>Regular Type |  |
| X.                | ±0.60 | X.              | ±5°    | UNITS  | mm |        |                                   |  |
| .X                | ±0.38 | .X              | ±3°    | SHEET SIZE   | A4 | SERIES | DS1040 SERIES                     |  |
| .XX               | ±0.25 | .XX             | ±2°    | <b>晨翔电子有限公司</b><br><b>CONNPLY ELECTRONIC CO. LTD</b> |    |        |                                   |  |
| DRAWING TYPE      |       | CUSTOMER        |        |  |    |        |                                   |  |
| SCALE             | 1:1   | SHEET           | 1 OF 1 |  |    |        |                                   |  |
| DRAWING NO.       |       | C-DS1040-XXN-E  |        |  |    |        |                                   |  |

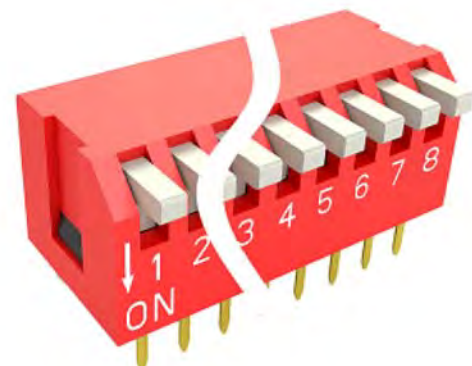
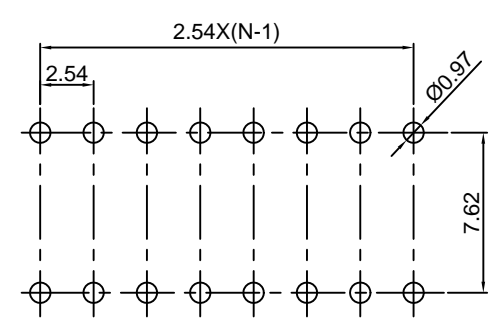
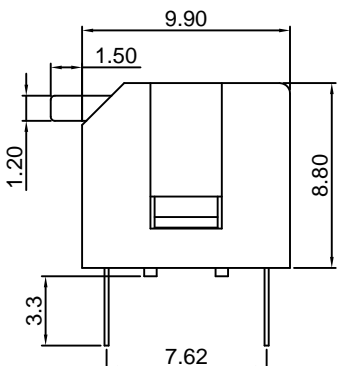
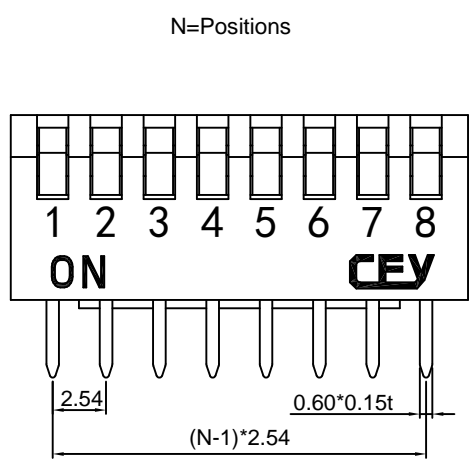
|      |   |
|------|---|
| Dept |   |
| Qty  |   |
| DC   | 1 |
| ED   | 1 |
| IE   | 1 |
| ISO  | 1 |
| PD   | 1 |
| R&D  | 1 |
| SD   | 1 |
| QA   | 1 |
| QC   | 1 |
| QE   | 1 |

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| REV. | DESCRIPTION    | DRAWN         | CHECKED | APPROVED      |
|------|----------------|---------------|---------|---------------|
| A    | NEW RELEASE    | YCH 12/13/08' |         | LJC 12/13/08' |
| E    | DRAWING UPDATE | JLZ 07/05/19' |         |               |
|      |                |               |         |               |



**Warning:**  
During the soldering process,  
The switch must be turned off.

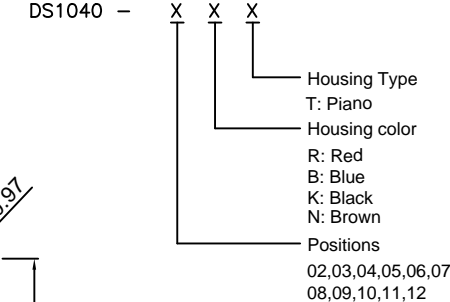


(Series Image-Reference Only)

**NOTES:**

1. Mechanical
  - 1.1 Operation Force: 800g Max
  - 1.2 Stroke: 1.90mm
  - 1.3 Temperature Range: -40°C~+105°C
2. Materials
  - 2.1 Base: Engineering Plastics, Black
  - 2.2 Cover: Engineering Plastics, Red or Blue
  - 2.3 Acuator: Engineering Plastics, White
  - 2.4 Contact: Copper Alloy, Gold plating
3. Electrical
  - 3.1 Electrical Life: 2000 cycles.
  - 3.2 Contact resistance: 100mΩ Max.
  - 3.3 Insulation Resistance: 1000MΩ at 500VDC.
  - 3.4 Dielectric Withstanding Voltage: 500VAC per 1 minute
  - 3.5 Circuit: Single pole single throw
  - 3.6 Current Rating: 100mA
  - 3.7 Voltage Rating: 24V AC/DC

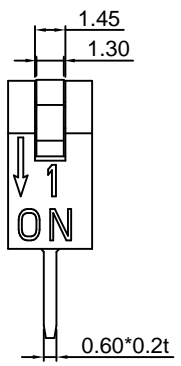
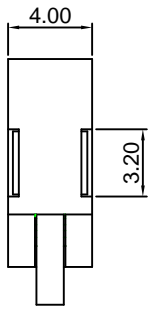
**4. Product number code:**



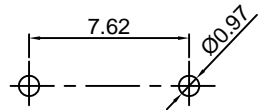
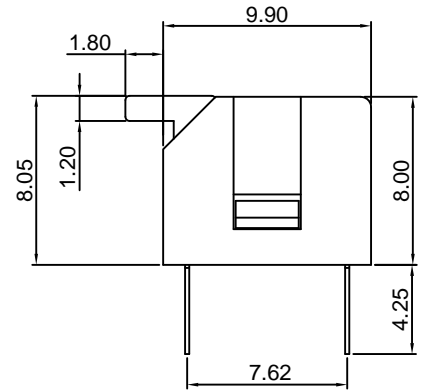
|                   |       |                 |        |  |    |        |                                 |  |
|-------------------|-------|-----------------|--------|--|----|--------|---------------------------------|--|
| GENERAL TOLERANCE |       | ANGLE TOLERANCE |        | PROJECTION   |    | TITLE  | 2.54mm DIP SWITCH<br>Piano Type |  |
| X.                | ±0.60 | X.              | ±5°    | UNITS  | mm |        |                                 |  |
| .X                | ±0.38 | .X              | ±3°    | SHEET SIZE   | A4 | SERIES | DS1040 SERIES                   |  |
| .XX               | ±0.25 | .XX             | ±2°    | <b>晨翔电子有限公司</b><br><b>CONNFLY ELECTRONIC CO. LTD</b> |    |        |                                 |  |
| DRAWING TYPE      |       | CUSTOMER        |        |  |    |        |                                 |  |
| SCALE             | 1:1   | SHEET           | 1 OF 1 |  |    |        |                                 |  |
| DRAWING NO.       |       | C-DS1040-XXT-E  |        |  |    |        |                                 |  |

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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   |



**Warning:**  
During the soldering process,  
The switch must be turned off.



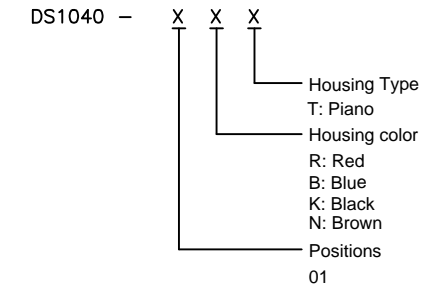
RECOMMEND PCB LAYOUT  
(TOLERANCE=±0.05)

| REV. | DESCRIPTION    | DRAWN         | CHECKED | APPROVED      |
|------|----------------|---------------|---------|---------------|
| A    | NEW RELEASE    | YCH 12/13/08' |         | LJC 12/13/08' |
| E    | DRAWING UPDATE | JLZ 07/05/19' |         |               |
|      |                |               |         |               |

**NOTES:**

- Mechanical
  - 1.1 Operation Force: 800g Max
  - 1.2 Stroke: 1.90mm
  - 1.3 Temperature Range: -40°C~+105°C
- Materials
  - 2.1 Base: Engineering Plastics,Black
  - 2.2 Cover: Engineering Plastics,Red or Blue
  - 2.3 Acuator: Engineering Plastics,White
  - 2.4 Contact: Copper Alloy, Gold plating
- Electrical
  - 3.1 Electrical Life: 2000 cycles.
  - 3.2 Contact resistance: 100mΩ Max.
  - 3.3 Insulation Resistance: 1000MΩ at 500VDC.
  - 3.4 Dielectric Withstanding Voltage: 500VAC per 1 minute
  - 3.5 Circuit: Single pole single throw
  - 3.6 Current Rating:100mA
  - 3.7 Voltage Rating:24V AC/DC

**4. Product number code:**



|                   |       |                 |        |   |    |   |               |
|-------------------|-------|-----------------|--------|---|----|---|---------------|
| GENERAL TOLERANCE |       | ANGLE TOLERANCE |        | PROJECTION  |    | TITLE                                       |               |
| X.                | ±0.60 | X.              | ±5°    | UNITS   | mm | 2.54mm DIP SWITCH<br>1 Positions Piano Type |               |
| .X                | ±0.38 | .X              | ±3°    | SHEET SIZE  | A4 | SERIES                                      | DS1040 SERIES |
| .XX               | ±0.25 | .XX             | ±2°    | <b>晨翔电子有限公司</b><br>CONNPLY CONNPLY ELECTRONIC CO. LTD |    |   |               |
| DRAWING TYPE      |       | CUSTOMER        |        |   |    |   |               |
| SCALE             | 1:1   | SHEET           | 1 OF 1 |   |    |   |               |
| DRAWING NO.       |       | C-DS1040-01XT-E |        |   |    |   |               |

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