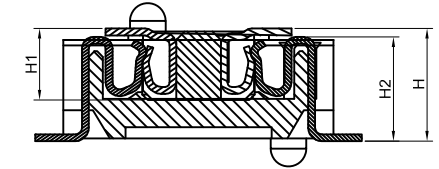
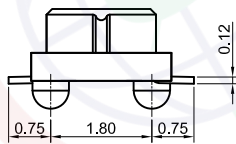
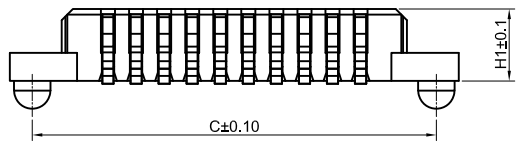
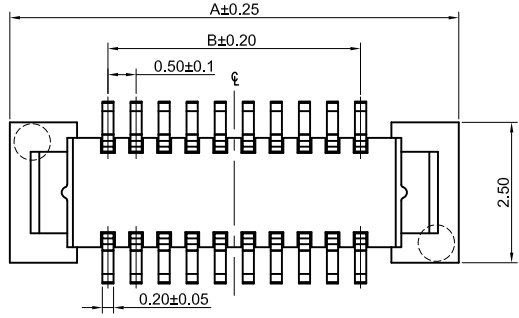


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| REV. | DESCRIPTION    | DRAWN         | CHECKED | APPROVED |
|------|----------------|---------------|---------|----------|
| A    | NEW RELEASE    | JLZ 03/21/19' |         |          |
| B    | DRAWING UPDATE | JLZ 02/15/25' |         |          |
|      |                |               |         |          |



Mating height  
With DS1151-04

| Dim H | Dim H1 | Dim H2 |
|-------|--------|--------|
| 1.50  | 1.25   | 1.35   |
| 2.00  | 1.25   | 1.85   |
| 2.50  | 1.75   | 1.85   |

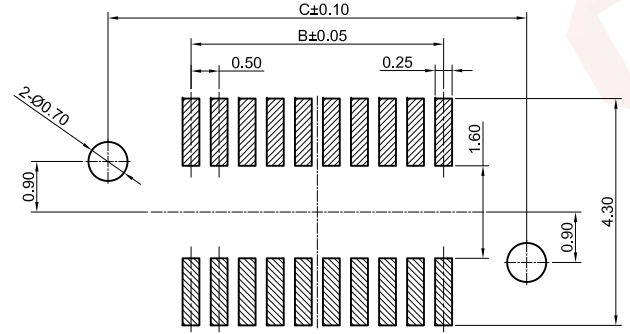
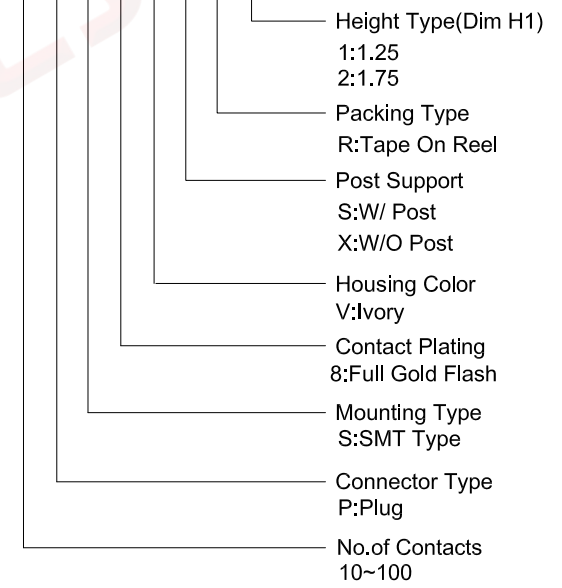
| NO.of contacts | Dimensions |       |       |
|----------------|------------|-------|-------|
|                | A.         | B.    | C.    |
| 10             | 5.50       | 2.00  | 4.70  |
| 12             | 6.00       | 2.50  | 5.20  |
| 14             | 6.50       | 3.00  | 5.70  |
| 16             | 7.00       | 3.50  | 6.20  |
| 20             | 8.00       | 4.50  | 7.20  |
| 22             | 8.50       | 5.00  | 7.70  |
| 24             | 9.00       | 5.50  | 8.20  |
| 30             | 10.50      | 7.00  | 9.70  |
| 34             | 11.50      | 8.00  | 10.70 |
| 40             | 13.00      | 9.50  | 12.20 |
| 50             | 15.50      | 12.00 | 14.70 |
| 60             | 18.00      | 14.50 | 17.20 |
| 70             | 20.50      | 17.00 | 19.70 |
| 80             | 23.00      | 19.50 | 22.00 |
| 100            | 28.00      | 24.50 | 27.20 |

- Notes:  
Specifications:
- Contact Resistance: 80mΩ Max.
  - Insulation Resistance: 1000MΩ Min.
  - Dielectric Withstanding Voltage: 150V AC(rms)  
For 1 Minute.
  - Current Rating:0.5A/Pin.
  - Voltage Rating:60V AC rms.
  - Temperature: -40°C~+85°C.

- Materials:
- Contact Material: Copper Alloy.
  - Contact Plating: Gold Plating Over Nickel.
  - Insulator Material: LCP,Ivory,UL94-V0.

Product Number Code:

DS1151-03 - X X X X X X X X



RECOMMEND PCB LAYOUT  
(TOLERANCE=±0.05)

| GENERAL TOLERANCE |       | ANGLE TOLERANCE |     |
|-------------------|-------|-----------------|-----|
| X.                | ±0.60 | X.              | ±5° |
| .X                | ±0.38 | .X              | ±3° |
| .XX               | ±0.25 | .XX             | ±2° |

|            |    |            |   |
|------------|----|------------|---|
| PROJECTION |    | TITLE      | 0.50mm Board to Board SMT Single Groove Male Type |
| UNITS      | mm | SHEET SIZE | A4  |
| SHEET SIZE | A4 | SERIES     | DS1151-03 SERIES                                  |

|              |                       |       |        |
|--------------|-----------------------|-------|--------|
| DRAWING TYPE | CUSTOMER              |       |        |
| SCALE        | 1:1                   | SHEET | 1 OF 1 |
| DRAWING NO.  | C-DS1151-03-XXXXXXX-B |       |        |

**晨翔电子有限公司**  
**CONNFLY CONNFLY ELECTRONIC CO. LTD**

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