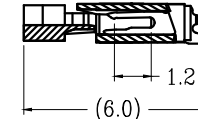
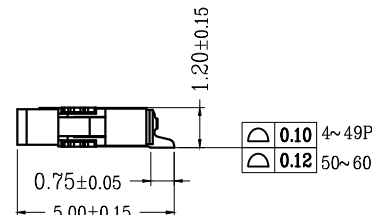
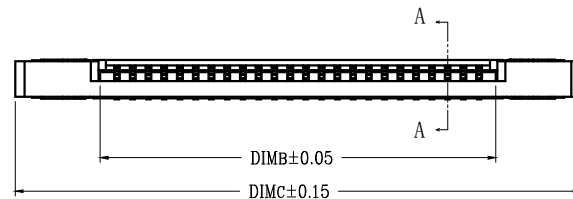
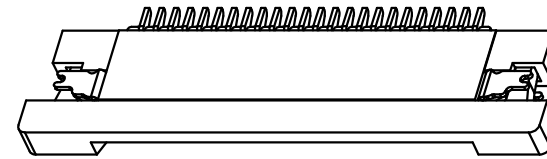
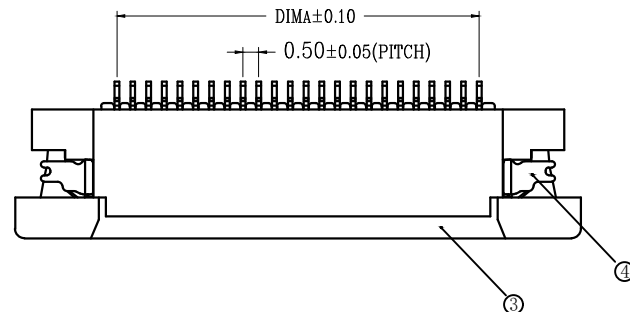
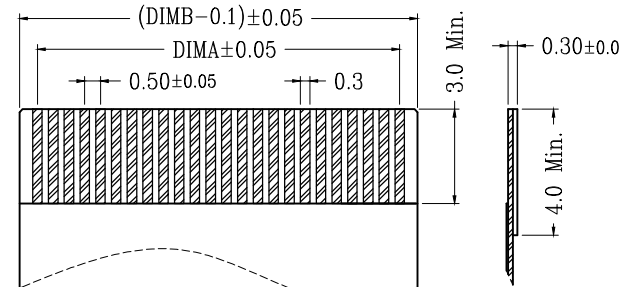
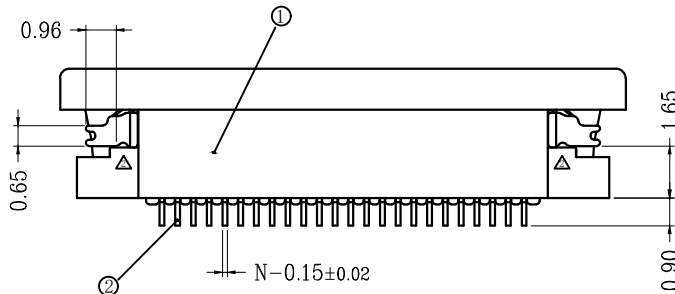


| Revision | Change Summary                                                                                    | DATE      |
|----------|---------------------------------------------------------------------------------------------------|-----------|
| 0        | New Product Release                                                                               | 2015/1/28 |
| 1        | To improve compatibility and prevent material shortage, additional resin is added to the grommet. | 2019/9/22 |

| NO. | Product Name                       | Material                  |
|-----|------------------------------------|---------------------------|
| ①   | 0.5 Pull-out Plastic Core (H1.2)   | LCP UL94V-0 Natural Color |
| ②   | 0.5 Pull-out Upper Terminal (H1.2) | Surface Tin Plating       |
| ③   | 0.5 Pull-out Back Cover (H1.2)     | LCP UL94V-0 black color   |
| ④   | 0.5 Pull-out Solder Tab (H1.2)     | Surface Tin Plating       |



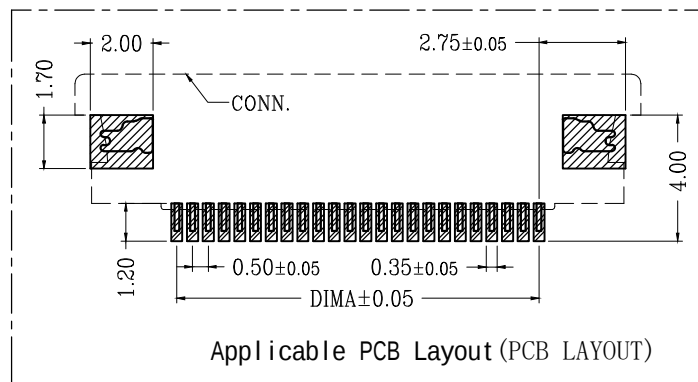
SECTION A-A



Applicable Flat Cable

| CKT | DIM A | DIM B | DIM C | CKT | DIM A | DIM B | DIM C |
|-----|-------|-------|-------|-----|-------|-------|-------|
| 4   | 1.50  | 2.56  | 7.96  | 33  | 16.00 | 17.06 | 22.46 |
| 5   | 2.00  | 3.06  | 8.46  | 34  | 16.50 | 17.56 | 22.96 |
| 6   | 2.50  | 3.56  | 8.96  | 35  | 17.00 | 18.06 | 23.46 |
| 7   | 3.00  | 4.06  | 9.46  | 36  | 17.50 | 18.56 | 23.96 |
| 8   | 3.50  | 4.56  | 9.96  | 37  | 18.00 | 19.06 | 24.46 |
| 9   | 4.00  | 5.06  | 10.46 | 38  | 18.50 | 19.56 | 24.96 |
| 10  | 4.50  | 5.56  | 10.96 | 39  | 19.00 | 20.06 | 25.46 |
| 11  | 5.00  | 6.06  | 11.46 | 40  | 19.50 | 20.56 | 25.96 |
| 12  | 5.50  | 6.56  | 11.96 | 41  | 20.00 | 21.06 | 26.46 |
| 13  | 6.00  | 7.06  | 12.46 | 42  | 20.50 | 21.56 | 26.96 |
| 14  | 6.50  | 7.56  | 12.96 | 43  | 21.00 | 22.06 | 27.46 |
| 15  | 7.00  | 8.06  | 13.46 | 44  | 21.50 | 22.56 | 27.96 |
| 16  | 7.50  | 8.56  | 13.96 | 45  | 22.00 | 23.06 | 28.46 |
| 17  | 8.00  | 9.06  | 14.46 | 46  | 22.50 | 23.56 | 28.96 |
| 18  | 8.50  | 9.56  | 14.96 | 47  | 23.00 | 24.06 | 29.46 |
| 19  | 9.00  | 10.06 | 15.46 | 48  | 23.50 | 24.56 | 29.96 |
| 20  | 9.50  | 10.56 | 15.96 | 49  | 24.00 | 25.06 | 30.46 |
| 21  | 10.00 | 11.06 | 16.46 | 50  | 24.50 | 25.56 | 30.96 |
| 22  | 10.50 | 11.56 | 16.96 | 51  | 25.00 | 26.06 | 31.46 |
| 23  | 11.00 | 12.06 | 17.46 | 52  | 25.50 | 26.56 | 31.96 |
| 24  | 11.50 | 12.56 | 17.96 | 53  | 26.00 | 27.06 | 32.46 |
| 25  | 12.00 | 13.06 | 18.46 | 54  | 26.50 | 27.56 | 32.96 |
| 26  | 12.50 | 13.56 | 18.96 | 55  | 27.00 | 28.06 | 33.46 |
| 27  | 13.00 | 14.06 | 19.46 | 56  | 27.50 | 28.56 | 33.96 |
| 28  | 13.50 | 14.56 | 19.96 | 57  | 28.00 | 29.06 | 34.46 |
| 29  | 14.00 | 15.06 | 20.46 | 58  | 28.50 | 29.56 | 34.96 |
| 30  | 14.50 | 15.56 | 20.96 | 59  | 29.00 | 30.06 | 35.46 |
| 31  | 15.00 | 16.06 | 21.46 | 60  | 29.50 | 30.56 | 35.96 |
| 32  | 15.50 | 16.56 | 21.96 |     |       |       |       |

- Technical Specifications :
- 1.The plastic surface should be smooth, free of burrs, and without obvious shrinkage, defects, or cracks.
  - 2.Temperature range: -25°C to 85°C.
  - 3.Rated voltage: 50V AC/DC (equivalent).
  - 4.Contact resistance:  $\leq 0.03\Omega$ .
  - 5.Insulation resistance:  $\geq 500M\Omega$
  - 6.Plating method: Full matte tin on terminals.



Applicable PCB Layout (PCB LAYOUT)



General Tolerance (TOLERANCE)  
X  $\pm 0.50$  XX  $\pm 1.0$   
X  $\pm 0.20$  XXX  $\pm 0.05$   
ANGLES  $\pm 1^\circ$

|                                        |                                                |                  |                         |
|----------------------------------------|------------------------------------------------|------------------|-------------------------|
| Shenzhen Kinghelm Electronics Co., Ltd |                                                | www.kinghelm.net |                         |
| .KH-CL0.5-H1.2-4PS-SMT                 |                                                | 0755-28190160    |                         |
| (TITLE)                                | 0.5 Pitch Horizontal Pull-up Connector (H=1.2) |                  | (DR)<br>Anlan           |
| (DWG.NO)                               | KH-CL0.5-H1.2-4PS-SMT                          |                  | (CHKD)<br>Li Shaozong   |
| (SCALE)                                | 1:1                                            | 單位 (UNITS)<br>mm | (APPD)<br>Huang Zhiming |
| (SHEET)                                | 1 OF 1                                         | SIZE<br>A4       | REV<br>A                |