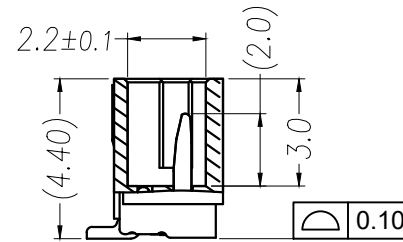
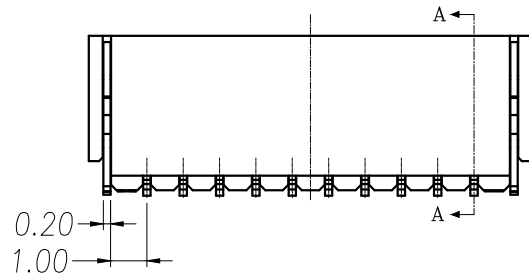
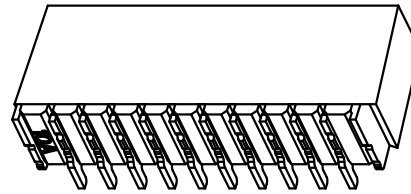
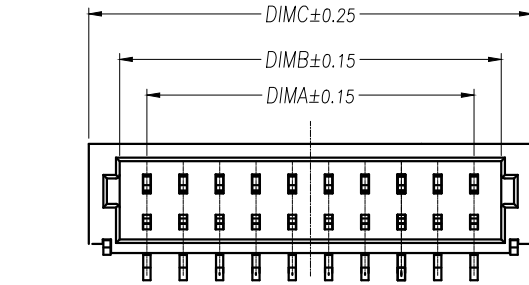


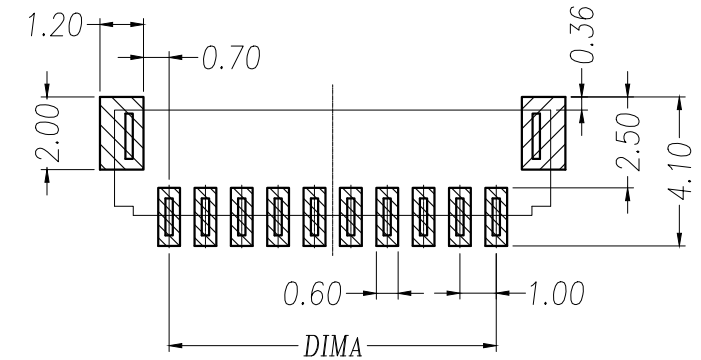
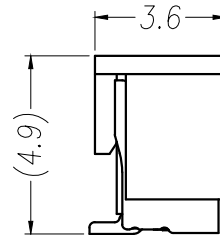
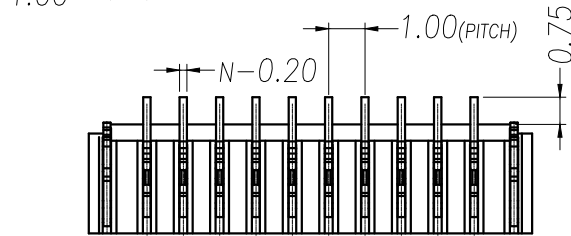
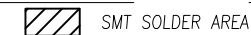
PRELIMINARY  
DESIGN IS SUBJECT  
TO CHANGE WITHOUT  
PRIOR NOTICE

## NOTES:

1. Working temp:  $-25^{\circ}\text{C}\sim 85^{\circ}\text{C}$ .
2. Voltage rating: 50V AC/DC(rms)
3. Contact resistance: 40m $\Omega$  max.
4. Insulation resistance: 100M $\Omega$  min.
5. Current rating: 1A AV/DC
6. Withstanding Voltage: 500V AC/minute
7. Pin Retention Force: 3N min.
8. Housing material: LCP UL94-V0, Natural
9. Terminal mater: Brass,  
plating Ni 40u" min , plating Tin 100u"min.
10. Solder tab material: Brass,  
plating Ni 40u" min , plating Tin 100u"min.



SECTION A-A

RECOMMENDED PCB LAYOUT TOP VIEW (TOLERANCE:  $\pm 0.05$ )

SMT SOLDER AREA

| PIN | NO.              | Dim A | Dim B | Dim C |
|-----|------------------|-------|-------|-------|
| 2   | XY-BM02B-SRSS-TB | 1.00  | 2.50  | 4.20  |
| 3   | XY-BM03B-SRSS-TB | 2.00  | 3.50  | 5.20  |
| 4   | XY-BM04B-SRSS-TB | 3.00  | 4.50  | 6.20  |
| 5   | XY-BM05B-SRSS-TB | 4.00  | 5.50  | 7.20  |
| 6   | XY-BM06B-SRSS-TB | 5.00  | 6.50  | 8.20  |
| 7   | XY-BM07B-SRSS-TB | 6.00  | 7.50  | 9.20  |
| 8   | XY-BM08B-SRSS-TB | 7.00  | 8.50  | 10.20 |
| 9   | XY-BM09B-SRSS-TB | 8.00  | 9.50  | 11.20 |
| 10  | XY-BM10B-SRSS-TB | 9.00  | 10.50 | 12.20 |
| 11  | XY-BM11B-SRSS-TB | 10.00 | 11.50 | 13.20 |
| 12  | XY-BM12B-SRSS-TB | 11.00 | 12.50 | 14.20 |
| 13  | XY-BM13B-SRSS-TB | 12.00 | 13.50 | 15.20 |
| 14  | XY-BM14B-SRSS-TB | 13.00 | 14.50 | 16.20 |
| 15  | XY-BM15B-SRSS-TB | 14.00 | 15.50 | 17.20 |
| 16  | XY-BM16B-SRSS-TB | 15.00 | 16.50 | 18.20 |

| DIMENSION IN mm                      |           | 厦门市辛译精密电子有限公司<br>Xiamen XinYi Xyeconn Electronics Co.,Ltd |      |                                    |                  |
|--------------------------------------|-----------|-----------------------------------------------------------|------|------------------------------------|------------------|
| TOLERANCE UNLESS OTHERWISE SPECIFIED |           |                                                           |      |                                    |                  |
| .X±0.35                              | X.*± 5°   | APR.                                                      | Alex | TITLE: WAFER 1.00mm H4.4mm 180°SMT |                  |
| .XX±0.25                             | .X.*± 3°  | CHK.                                                      | Jack | DWG NO. XY-BMNB-SRSS-TB            |                  |
| .XXX±0.15                            | .XX.*± 1° | DRA.                                                      | Can  | PROJ.                              | CUSTOMER DRAWING |
|                                      |           |                                                           |      | SIZE A4                            | SCALE 1:1        |