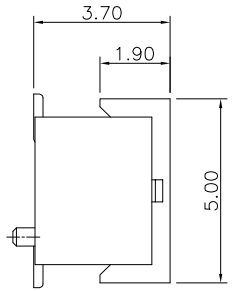
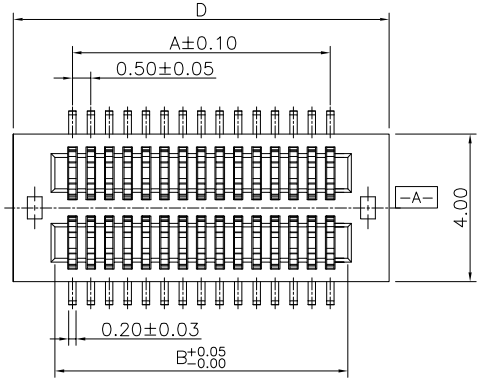
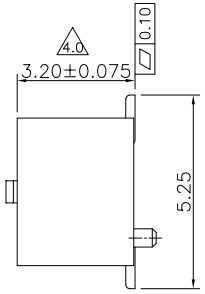
**RoHS**

| NO. | COMPONENTS | MATERIALS | SPECIFICATION:FINISH/COLOR | QTY. |
|---|---|---|---|---|
| 1 | HOUSING | LCP,NYLON9T UL94V-0 | BLACK | 1 |
| 2 | TERMINAL | BRASS | THE SURFACE: AU(LAST) | N |
| 3 | CAP | LCP,NYLON9T UL94V-0 | BLACK | 1 |

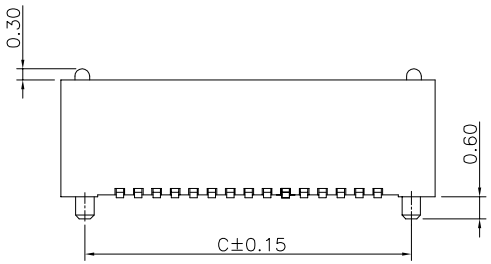


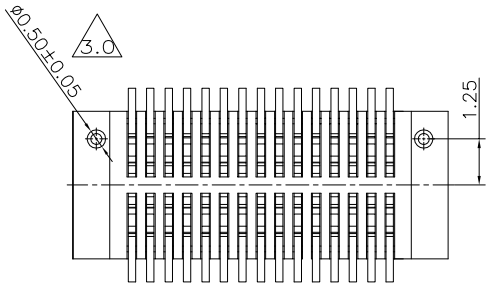

WITH CAP

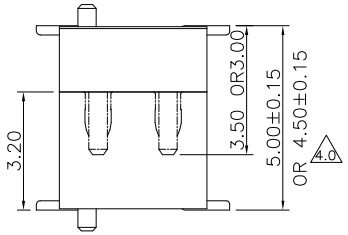


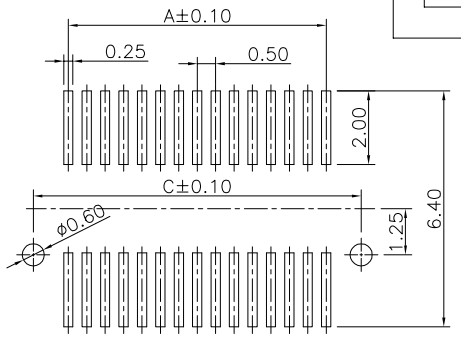

| Pin | A | B | C | D | |
|---|---|---|---|---|---|
| 2x5 | 2.00 | 2.90 | 3.90 | 5.20 | △ |
| 2x6 | 2.50 | 3.40 | 4.40 | 5.70 | |
| 2x7 | 3.00 | 3.90 | 4.90 | 6.20 | |
| 2x8 | 3.50 | 4.40 | 5.40 | 6.70 | |
| 2x9 | 4.00 | 4.90 | 5.90 | 7.20 | |
| 2x10 | 4.50 | 5.40 | 6.40 | 7.70 | △ |
| 2x11 | 5.00 | 5.90 | 6.90 | 8.20 | |
| 2x12 | 5.50 | 6.40 | 7.40 | 8.70 | △ |
| 2x13 | 6.00 | 6.90 | 7.90 | 9.20 | △ |
| 2x14 | 6.50 | 7.40 | 8.40 | 9.70 | △ |
| 2x15 | 7.00 | 7.90 | 8.90 | 10.20 | △ |
| 2x16 | 7.50 | 8.40 | 9.40 | 10.70 | △ |
| 2x17 | 8.00 | 8.90 | 9.90 | 11.20 | △ |
| 2x18 | 8.50 | 9.40 | 10.40 | 11.70 | △ |
| 2x19 | 9.00 | 9.90 | 10.90 | 12.20 | △ |
| 2x20 | 9.50 | 10.40 | 11.40 | 12.70 | △ |
| 2x21 | 10.00 | 10.90 | 11.90 | 13.20 | |
| 2x22 | 10.50 | 11.40 | 12.40 | 13.70 | |
| 2x23 | 11.00 | 11.90 | 12.90 | 14.20 | △ |
| 2x24 | 11.50 | 12.40 | 13.40 | 14.70 | |
| 2x25 | 12.00 | 12.90 | 13.90 | 15.20 | △ |
| 2x26 | 12.50 | 13.40 | 14.40 | 15.70 | |
| 2x27 | 13.00 | 13.90 | 14.90 | 16.20 | |
| 2x28 | 13.50 | 14.40 | 15.40 | 16.70 | |
| 2x29 | 14.00 | 14.90 | 15.90 | 17.20 | |
| 2x30 | 14.50 | 15.40 | 16.40 | 17.70 | △ |
| 2x33 | 16.00 | 16.88 | 17.90 | 19.20 | |




MATING DRAW (REF)




RECOMMENDED PCB LAYOUT

NOTE:
1.ALL MATERIAL MUST BE COMPLY WITH RoHS.
2.PART NO. LEGEND:

B 1 F XX U-X X S 6-R-01

- 01:NEW
- 6:HEIGHT:3.20mm
- 1:Au:G/F
  2:Au:15u"
  3:Au:30u"
- A:NYLON 9T NATURAL △2.0
  B:NYLON 9T BALCK
  C:LCP NATURAL △2.0
  D:LCP BALCK
- XX:PIN
- F:FEMALE
- 1:0.5mm B TO B

ELECTRICAL PERFORMANCE
1. RATED VOLTAGE(MAX.):50V AC/DC
2. RATED CURRENT(MAX.):0.5A AC/DC
3. CONTACT RESISTANCE:40 MILLIOHM MAX.
4. INSULATION RESISTANCE:100 MEGOHMS MIN. 250V DC FOR 1 MINUTE BETWEEN ADJACENT TERMINAL
5. DIELECTRIC STRENGTH: 250V AC FOR 1 MINUTE BETWEEN ADJACENT TERMINAL NO BREAKDOWN
6. OPERATING TEMPERATURE: -25° to +85°

| NO. | DATE | DESCRIPTION | APPROVAL |
|---|---|---|---|
| 5.0 | | | |
| 4.0 | 2016.04.11 | 追加尺寸公差管控 | Tian hai |
| 3.0 | 2014.12.16 | 修订定位柱尺寸公差 | XiaoYong |
| 2.0 | 2014.9.19 | ADDITIONAL NATURAL COLOR | XiaoYong |
| 1.0 | 2014.9.12 | NEW | XiaoYong |

DRAWING: Henry
CHECKED: Tian hai
APPROVAL: Tian hai

GENERAL TOLERANCE
.X:=±0.30 .X°:=±2°
.XX:=±0.20 .XX°:=±1°
.XXX:=±0.10 .XXX°:=±0.5°

UNIT: MM
PROJECTION:
SCALE: 1/1
SHEET: 1/1

**CHIN-BAN**
**electronics (H.K) co., ltd**

DESCRIPTION:
0.5mm Board to Board Female 3.20mm Height(New)

PART NO: B1FXXU-XXS6-R-01 REV: 4.0
DRAWING NO: UK0153 SIZE: A4