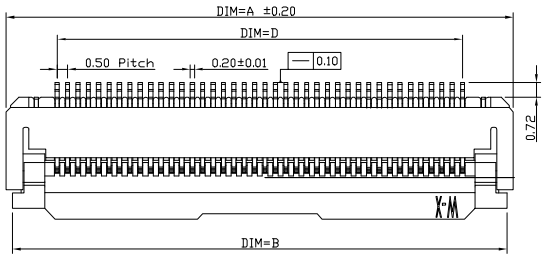
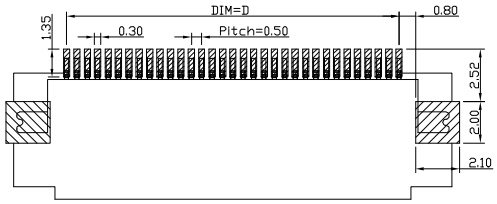
**CUSTOMER COPY**

RoHS compliant

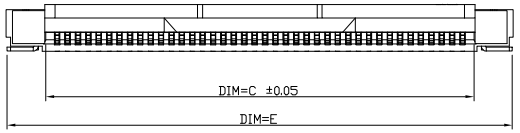
| REVISION DATA | | | | |
|---|---|---|---|---|
| SYM | ECN | DESCRIPTION | DATE | APPROVED |
| B | | 开口改为闭口 | 2017.12.29 | 雷邦军 |
| | | | | |



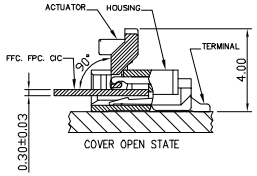

RECOMMENDED PC BOARD LAYOUT
(ALL TOLERANCE ARE ±0.05)

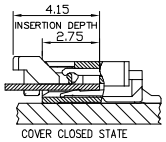
| NO | DFSCRIPTION | MATFRIAL | COLOR | RFMARK |
|---|---|---|---|---|
| 4 | GASKET | COPPER ALLOY | | PLATED TIN |
| 3 | CONTACT | COPPER ALLOY | | PLATED TIN |
| 2 | ACTUATOR | THERMOPLASTIC | BROWN | UL 94V-0 |
| 1 | HOUSING | THERMOPLASTIC | NATURAL | UL 94V-0 |

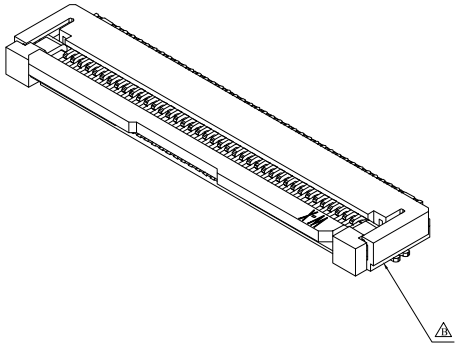


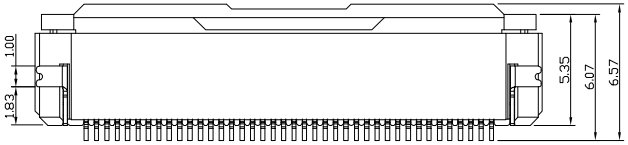


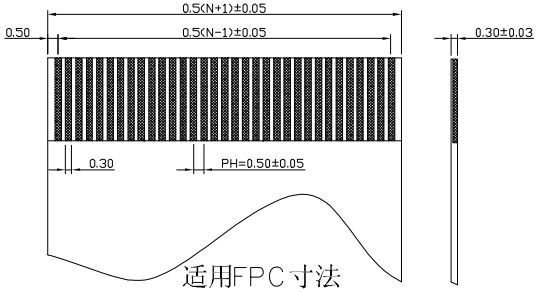


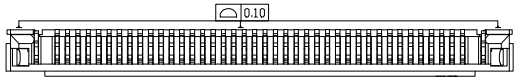





FBC1XX — No. of Pins

XXA-27 — Contact Plating
01=Tin
02=AU

| CKT | DIMA | DIMB | DIMC | DIMD | DIME |
|---|---|---|---|---|---|
| 4 | 6.40 | 5.80 | 2.57 | 1.50 | 6.30 |
| 5 | 6.90 | 6.30 | 3.07 | 2.00 | 6.80 |
| 6 | 7.40 | 6.80 | 3.57 | 2.50 | 7.30 |
| 7 | 7.90 | 7.30 | 4.07 | 3.00 | 7.80 |
| 8 | 8.40 | 7.80 | 4.57 | 3.50 | 8.30 |
| 9 | 8.90 | 8.30 | 5.07 | 4.00 | 8.80 |
| 10 | 9.40 | 8.80 | 5.57 | 4.50 | 9.30 |
| 11 | 9.90 | 9.30 | 6.07 | 5.00 | 9.80 |
| 12 | 10.40 | 9.80 | 6.57 | 5.50 | 10.30 |
| 13 | 10.90 | 10.30 | 7.07 | 6.00 | 10.80 |
| 14 | 11.40 | 10.80 | 7.57 | 6.50 | 11.30 |
| 15 | 11.90 | 11.30 | 8.07 | 7.00 | 11.80 |
| 16 | 12.40 | 11.80 | 8.57 | 7.50 | 12.30 |
| 17 | 12.90 | 12.30 | 9.07 | 8.00 | 12.80 |
| 18 | 13.40 | 12.80 | 9.57 | 8.50 | 13.30 |
| 19 | 13.90 | 13.30 | 10.07 | 9.00 | 13.80 |
| 20 | 14.40 | 13.80 | 10.57 | 9.50 | 14.30 |
| 21 | 14.90 | 14.30 | 11.07 | 10.00 | 14.80 |
| 22 | 15.40 | 14.80 | 11.57 | 10.50 | 15.30 |
| 23 | 15.90 | 15.30 | 12.07 | 11.00 | 15.80 |
| 24 | 16.40 | 15.80 | 12.57 | 11.50 | 16.30 |
| 25 | 16.90 | 16.30 | 13.07 | 12.00 | 16.80 |
| 26 | 17.40 | 16.80 | 13.57 | 12.50 | 17.30 |
| 27 | 17.90 | 17.30 | 14.07 | 13.00 | 17.80 |
| 28 | 18.40 | 17.80 | 14.57 | 13.50 | 18.30 |
| 29 | 18.90 | 18.30 | 15.07 | 14.00 | 18.80 |
| 30 | 19.40 | 18.80 | 15.57 | 14.50 | 19.30 |
| 31 | 19.90 | 19.30 | 16.07 | 15.00 | 19.80 |
| 32 | 20.40 | 19.80 | 16.57 | 15.50 | 20.30 |
| 33 | 20.90 | 20.30 | 17.07 | 16.00 | 20.80 |
| 34 | 21.40 | 20.80 | 17.57 | 16.50 | 21.30 |
| 35 | 21.90 | 21.30 | 18.07 | 17.00 | 21.80 |
| 36 | 22.40 | 21.80 | 18.57 | 17.50 | 22.30 |
| 37 | 22.90 | 22.30 | 19.07 | 18.00 | 22.80 |
| 38 | 23.40 | 22.80 | 19.57 | 18.50 | 23.30 |
| 39 | 23.90 | 23.30 | 20.07 | 19.00 | 23.80 |
| 40 | 24.40 | 23.80 | 20.57 | 19.50 | 24.30 |
| 41 | 24.90 | 24.30 | 21.07 | 20.00 | 24.80 |
| 42 | 25.40 | 24.80 | 21.57 | 20.50 | 25.30 |
| 43 | 25.90 | 25.30 | 22.07 | 21.00 | 25.80 |
| 44 | 26.40 | 25.80 | 22.57 | 21.50 | 26.30 |
| 45 | 26.90 | 26.30 | 23.07 | 22.00 | 26.80 |
| 46 | 27.40 | 26.80 | 23.57 | 22.50 | 27.30 |
| 47 | 27.90 | 27.30 | 24.07 | 23.00 | 27.80 |
| 48 | 28.40 | 27.80 | 24.57 | 23.50 | 28.30 |
| 49 | 28.90 | 28.30 | 25.07 | 24.00 | 28.80 |
| 50 | 29.40 | 28.80 | 25.57 | 24.50 | 29.30 |
| 51 | 29.90 | 29.30 | 26.07 | 25.00 | 29.80 |
| 52 | 30.40 | 29.80 | 26.57 | 25.50 | 30.30 |
| 53 | 30.90 | 30.30 | 27.07 | 26.00 | 30.80 |
| 54 | 31.40 | 30.80 | 27.57 | 26.50 | 31.30 |
| 55 | 31.90 | 31.30 | 28.07 | 27.00 | 31.80 |
| 56 | 32.40 | 31.80 | 28.57 | 27.50 | 32.30 |
| 57 | 32.90 | 32.30 | 29.07 | 28.00 | 32.80 |
| 58 | 33.40 | 32.80 | 29.57 | 28.50 | 33.30 |
| 59 | 33.90 | 33.30 | 30.07 | 29.00 | 33.80 |
| 60 | 34.40 | 33.80 | 30.57 | 29.50 | 34.30 |

NOTES:
1. MATERIAL:
   1.1 HOUSING: THERMOPLASTIC , UL94 V-0;
   1.2 ACTUATOR: THERMOPLASTIC , UL94 V-0;
   1.3 CONTACT: PHOSPHOR BRONZE
   1.4 GASKET: BRASS
2. FINISH:
   2.1 CONTACT:
      2.54 um [100u"] MIN. MATTE-TIN PALTING ON SOLDER TAIL AREA.
      1.27 um [50u"] MIN. NICKEL UNDERPLATING OVERALL.
   2.2 GASKET:
      2.54 um [100u"] MIN. MATTE-TIN PALTING ON SOLDER TAIL AREA.
      1.27 um [50u"] MIN. NICKE PLATING ON SHELL AREA.
3. FOR REFLOW SOLDERING LEAD-FREE PROCESS

| Packing | |
|---|---|
| 1.General | |
| 2.Tape&Reel | |
| 3.Tube | √ |
| 4.Tray | |
| 5.Other | |

natconn® 广东纳特康电子股份有限公司
GUANGDONG NATCONN ELECTRONIC CO.,LTD

| TOLERANCE: | PROJECTION | | TITLE: PITCH 0.5mm FPC 掀盖式 | | |
|---|---|---|---|---|---|
| ANGLE ±2° | DATE | 2013/07/27 | | | |
| X.XXX ±0.05 | DRAWN | 唐建平 | CUSTOMER: N/A | CUSTOMER P/N: N/A | REV: N/A |
| X.XX ±0.20 | CHECKED | 雷邦军 | PART NO.: | DRAWING NO.: FBC1XXXXA-27 | REV: B |
| X.X ±0.30 | APPROVED | 冯显东 | SIZE: A4 / UNIT: mm | SCALE: 1:1 | SHEET: 1/1 |
| X. ±0.50 | | | | | |