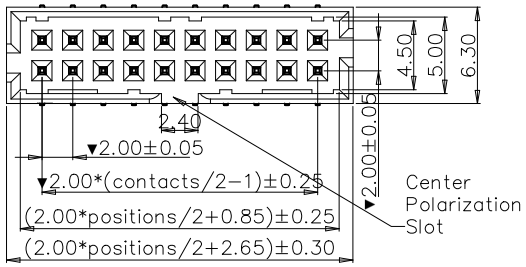
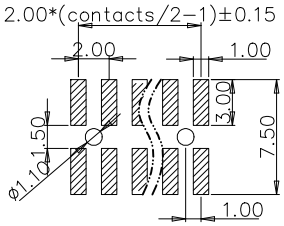
**CUSTOMER COPY**

RoHS compliant

| REVISION DATA | | | | |
|---|---|---|---|---|
| SYM | ECN | DESCRIPTION | DATE | APPROVED |
| | | | | |
| | | | | |

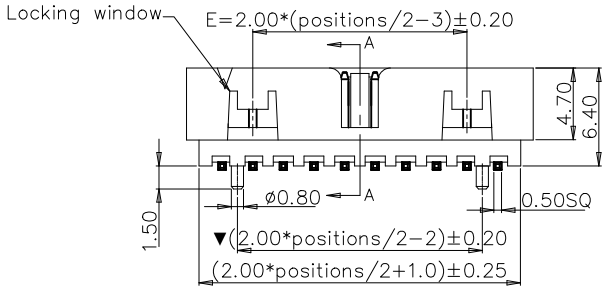


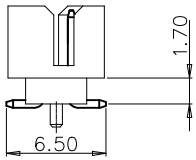



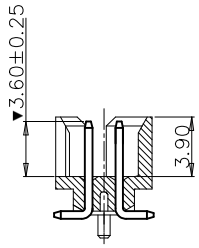

Recommended P.C.B Layout(±0.05)

Technical Data

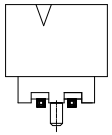
| | |
|---|---|
| Contact: | brass JIS C2700(Cuzn35) |
| Contact plating: | see ordering information |
| Insulator: | black glass filled polyester UL94V−0 |
| Current rating: | 2Amps |
| Voltage rating: | 125V |
| Contact resistance: | 20mΩ max. |
| Insulation resistance: | 1000MΩ min. at 500V/minute |
| Withstanding Voltage: | 1000V AC/minute |
| Retention force: | 0.85Kgf/contact min. |
| Operating temperature: | −55°C to+105°C |
| Soldering temperature: | 260°C±5° 10S |
| Critical Dimensions:▼ | |



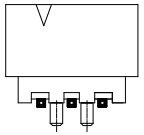



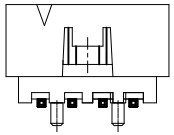

Section A−A



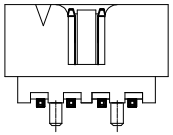
4P
A type



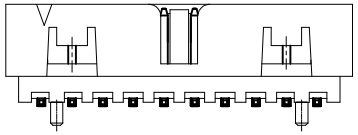
6P
A type



8/10/12P
B type



8/10/12P
A type



14~50P
A type

Ordering information

| BFD | XX | - | X | X | B | 38 |
|---|---|---|---|---|---|---|

No. of Positions
04~50

Plating Option
A G/F
B Au3μ"
C Au5μ"
D Au10μ"
H GF/Sn120μ"
S Sn120μ"
Z Special
(Underline option is standard)

Insulator Material Option
F BK-LCP
G BK-PA9T
S Special
(Underline option is standard)

Series No.
01~999

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

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GUANGDONG NATCONN ELECTRONIC CO.,LTD

| TOLERANCE: | PROJECTI0N | TITLE: Pitch:2.00*2.00mm Box Header SMT Type,MX2.0 Header | | | |
|---|---|---|---|---|---|
| ANGLE ±2° | DATE 2018/12/24 | | | | |
| 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.: BFD-B38 | | REV: A |
| X.X ±0.30 | APPROVED 冯显东 | SIZE: A4 | UNIT: mm | SCALE: 1:1 | SHEET: 1/1 |
| X. ±0.50 | | | | | |