

Technical drawing of a 1.0 Pitch Rear View Connector (FC-10BNP31H20) showing dimensions and specifications.

**Dimensions:**

- Overall Length: DIMA ± 0.10
- Pitch: 1 ± 0.05 (PITCH)
- Overall Width: DIMB ± 0.05
- Mounting Hole Spacing: DIMC ± 0.15
- Mounting Hole Diameter: 1.6
- Mounting Hole Position: 0.90
- Mounting Hole Spacing: 1.75
- Mounting Hole Diameter: 0.80
- Mounting Hole Position: N - 0.15 ± 0.02
- Overall Length: DIMA ± 0.05
- Pitch: 1 ± 0.05
- Mounting Hole Spacing: DIMB - 0.1 ± 0.05
- Mounting Hole Diameter: 0.5
- Mounting Hole Position: 3.5 Min.
- Mounting Hole Spacing: 4.5 Min.
- Mounting Hole Diameter: 0.3 ± 0.03
- Mounting Hole Position: 0.5 ± 0.05
- Mounting Hole Spacing: DIMA ± 0.05
- Mounting Hole Diameter: 0.63
- Mounting Hole Position: 5.1

**Section A-A:**

SECTION A-A

**Part No. Table:**

| Part No.       | Pin  | A          | B               | C               |
|----------------|------|------------|-----------------|-----------------|
| FC-10B4P31H20  | 4    | 3.00       | 5.02            | 8.04            |
| FC-10B5P31H20  | 5    | 4.00       | 6.02            | 9.04            |
| FC-10B6P31H20  | 6    | 5.00       | 7.02            | 10.04           |
| FC-10B7P31H20  | 7    | 6.00       | 8.02            | 11.04           |
| FC-10B8P31H20  | 8    | 7.00       | 9.02            | 12.04           |
| FC-10B9P31H20  | 9    | 8.00       | 10.02           | 13.04           |
| FC-10B10P31H20 | 10   | 9.00       | 11.02           | 14.04           |
| FC-10B11P31H20 | 11   | 10.00      | 12.02           | 15.04           |
| FC-10B12P31H20 | 12   | 11.00      | 13.02           | 16.04           |
| .....          | .... | ....       | .....           | .....           |
| FC-10B30P31H20 | 30   | (30-1)*1.0 | (30+1)*1.0+0.02 | (30+4)*1.0+0.04 |

**Technical Specifications:**

1. 零件表面应光洁、无毛边、无明显收缩、缺陷、裂纹等现象。
2. 温度范围: -25°C ~ +85°C.
3. 额定电压: 50V, AC/DC.
4. 接触电阻: ≤ 0.03Ω.
5. 绝缘电阻: ≥ 500MΩ.

**GENERAL TOLERANCE:**

DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD

**TITLE:** 1.0 Pitch 后翻卧式 (H=2.0)

**DWG. NO.:** FC-10BNP31H20

**DRAWN:** MAX

**PART NO.:** FC-10BNP31H20

**CHECKED:** ELLA

**UNIT:** mm

**SCALE:** none

**SHEET:** 1 of 1

**DWG. SIZE:** A4

**LAYER:** bxconn

**APPROVED:** WILL

**BXCONN®**

QR Code

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**Dimensions:**

- Overall Length:  $DIMA \pm 0.10$
- Pitch:  $1 \pm 0.05$  (PITCH)
- Pin Spacing:  $DIMB \pm 0.05$ ,  $DIMC \pm 0.15$
- Pin Height:  $2.00 \pm 0.15$
- Pin Diameter:  $0.10$
- Pin Thickness:  $0.134$
- Pin Spacing (A-A):  $(5.9)$
- Pin Spacing (B-B):  $(DIMB - 0.1) \pm 0.05$
- Pin Spacing (C-C):  $DIMA \pm 0.05$
- Pin Spacing (D-D):  $1 \pm 0.05$
- Pin Spacing (E-E):  $0.5$
- Pin Spacing (F-F):  $0.3 \pm 0.03$
- Pin Spacing (G-G):  $0.5 \pm 0.05$
- Pin Spacing (H-H):  $1 \pm 0.05$
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- Pin Spacing (L-L):  $1.5$
- Pin Spacing (M-M):  $2.5$
- Pin Spacing (N-N):  $1.5$
- Pin Spacing (O-O):  $0.5 \pm 0.05$
- Pin Spacing (P-P):  $1 \pm 0.05$
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- Pin Spacing (LL-LL):  $1.5$
- Pin Spacing (MM-MM):  $0.5 \pm 0.05$
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- Pin Spacing (TT-TT):  $1.5$
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