



**XB-FPC - 1010 S R 20 -XX X XX 01**

**XB connector**

**Series No**

**Termipoint**  
S-SMT

**Angle**  
R-90°

**Terminal Plating**  
MT-Matte Tin  
11-All G/F

**Housing Colour**  
S-Nature

**Pin Q' PY**  
03~32

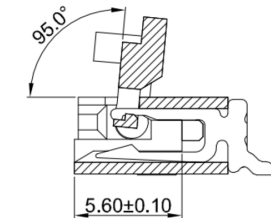
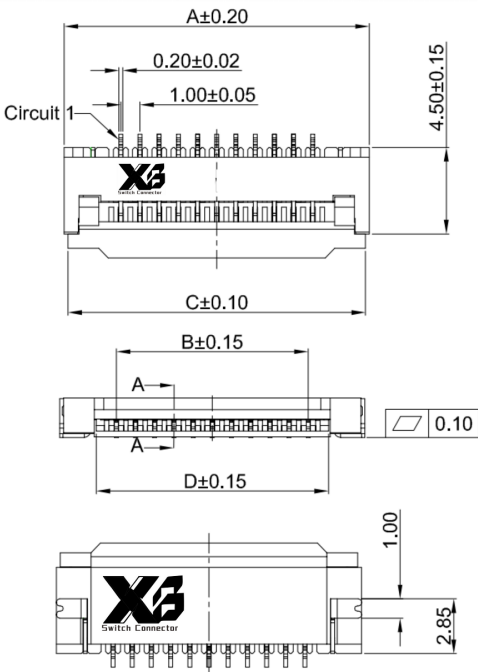
**Height**  
20-2.06mm

**XB-FPC specifications:**

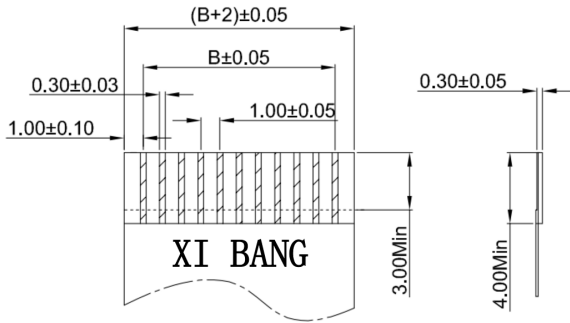
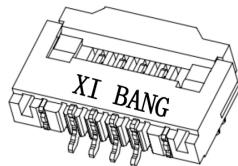
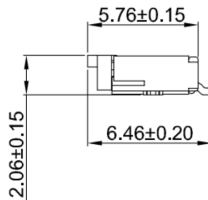
- 1.Current rated: 0.4A AC/DC
- 2.Voltage rating: 50V AC/DC
- 3.Withstanding voltage: 200V AC for 1 min
- 4.Contact resistance: 20mΩ max.
- 5.Insulation resistance: 50MΩ min
- 6.Durability cycle: 20Cycles
- 7.Removal force: 0.04kgf/Pin min
- 8.Operating temperature range: -25°C ~ +85°C

**Ordering Information:**

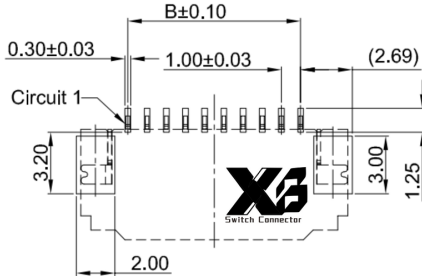
| Circuit | Dimension |       |       |       | Circuit | Dimension |       |       |       |
|---------|-----------|-------|-------|-------|---------|-----------|-------|-------|-------|
|         | A         | B     | C     | D     |         | A         | B     | C     | D     |
| 03      | 7.90      | 2.00  | 7.50  | 4.10  | 18      | 22.90     | 17.00 | 22.50 | 19.10 |
| 04      | 8.90      | 3.00  | 8.50  | 5.10  | 19      | 23.90     | 18.00 | 23.50 | 20.10 |
| 05      | 9.90      | 4.00  | 9.50  | 6.10  | 20      | 24.90     | 19.00 | 24.50 | 21.10 |
| 06      | 10.90     | 5.00  | 10.50 | 7.10  | 21      | 25.90     | 20.00 | 25.50 | 22.10 |
| 07      | 11.90     | 6.00  | 11.50 | 8.10  | 22      | 26.90     | 21.00 | 26.50 | 23.10 |
| 08      | 12.90     | 7.00  | 12.50 | 9.10  | 23      | 27.90     | 22.00 | 27.50 | 24.10 |
| 09      | 13.90     | 8.00  | 13.50 | 10.10 | 24      | 28.90     | 23.00 | 28.50 | 25.10 |
| 10      | 14.90     | 9.00  | 14.50 | 11.10 | 25      | 29.90     | 24.00 | 29.50 | 26.10 |
| 11      | 15.90     | 10.00 | 15.50 | 12.10 | 26      | 30.90     | 25.00 | 30.50 | 27.10 |
| 12      | 16.90     | 11.00 | 16.50 | 13.10 | 27      | 31.90     | 26.00 | 31.50 | 28.10 |
| 13      | 17.90     | 12.00 | 17.50 | 14.10 | 28      | 32.90     | 27.00 | 32.50 | 29.10 |
| 14      | 18.90     | 13.00 | 18.50 | 15.10 | 29      | 33.90     | 28.00 | 33.50 | 30.10 |
| 15      | 19.90     | 14.00 | 19.50 | 16.10 | 30      | 34.90     | 29.00 | 34.50 | 31.10 |
| 16      | 20.90     | 15.00 | 20.50 | 17.10 | 31      | 35.90     | 30.00 | 35.50 | 32.10 |
| 17      | 21.90     | 16.00 | 21.50 | 18.10 | 32      | 36.90     | 31.00 | 36.50 | 33.10 |



**SECTION A-A**  
SCALE 2:1



**RECOMMENDED FPC DIMENSION**



**RECOMMENDED PCB LAYOUT**  
TOLERANCE:±0.05



**东莞市溪榜电子有限公司**  
DONG GUAN XI BANG ELECTRONICS CO., LTD.

TOLERANCE UNLESS  
OTHERWISE STATED:

Up to 5 ±0.2  
Above 5 ~ 15 ±0.3  
Above 15 ~ 30 ±0.4  
Above 30 ~ 50 ±0.5  
Angle ±0.3°

3RD.  
ANGEL'S



UNITS

MM

DRAWN BY:

Jack Lu

DATE

03/10/22

CHECKED BY:

Jacky Chen

DATE

03/10/22

APPROVED BY:

Tony Kao

DATE

03/10/22

MAT'L

FINISH

SCALE

TITLE

MODLE

DWG NO.

PART NO.

CONNECTOR

FPC 1.00mm Pitch 90° H2.0mm  
SMT Type Connector

XB-FPC-1010SR20-XXXXX01

SIZE  
A4  
VER  
R1