

◆ SPECIFICATIONS

Current rating: 0.5A AC, DC
 Voltage rating: 50V AC, DC
 Temperature range: -25°C ~ +85°C
 Insulation resistance: 500MΩ Min.
 Withstanding voltage: 250V AC/ minute.
 Contact resistance: 20mΩ Max.

Material:

Insulator: LCP UL 94V-0/Beige
 Actuator: LCP UL 94V-0/Black
 Contact: Phosphor bronze/gold flash or tin plated over Nickel
 Fitting Nail: Brass/Tin plated over Nickel

Circuits: 3~32

Ordering Code:

F1000920D ** SD22 *

03: 3P 0: PIN鍍金
 32: 32P 1: PIN鍍錫

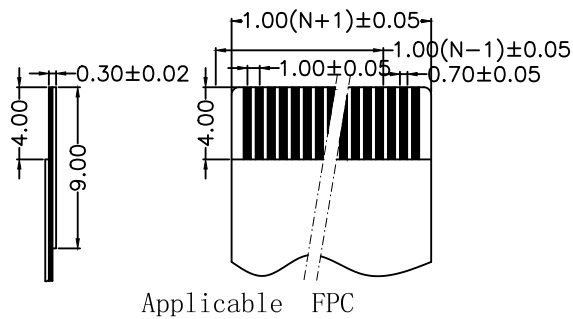
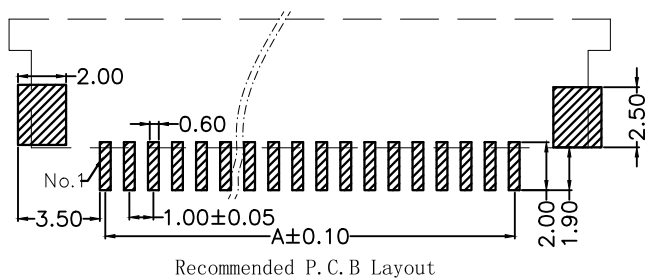
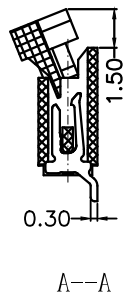
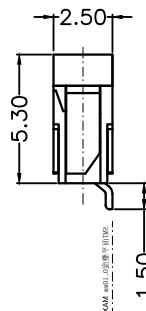
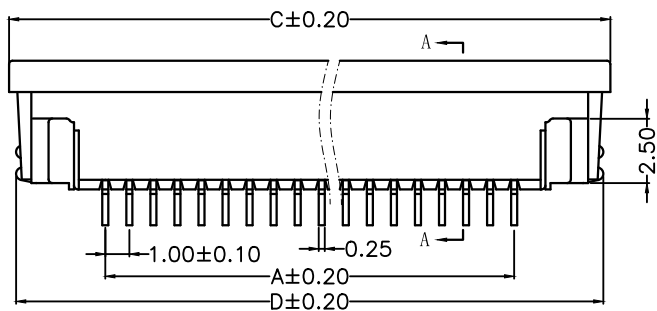
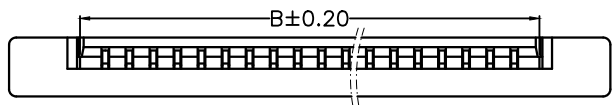
| Circuits | Dimensions | | | Circuits | Dimensions | | |
|----------|------------|-------|-------|----------|------------|-------|-------|
| | A | B | C | | A | B | C |
| 03 | 9.50 | 2.00 | 4.10 | 18 | 24.50 | 17.00 | 19.10 |
| 04 | 10.50 | 3.00 | 5.10 | 19 | 25.50 | 18.00 | 20.10 |
| 05 | 11.50 | 4.00 | 6.10 | 20 | 26.50 | 19.00 | 21.10 |
| 06 | 12.50 | 5.00 | 7.10 | 21 | 27.50 | 20.00 | 22.10 |
| 07 | 13.50 | 6.00 | 8.10 | 22 | 28.50 | 21.00 | 23.10 |
| 08 | 14.50 | 7.00 | 9.10 | 23 | 29.50 | 22.00 | 24.10 |
| 09 | 15.50 | 8.00 | 10.10 | 24 | 30.50 | 23.00 | 25.10 |
| 10 | 16.50 | 9.00 | 11.10 | 25 | 31.50 | 24.00 | 26.10 |
| 11 | 17.50 | 10.00 | 12.10 | 26 | 32.50 | 25.00 | 27.10 |
| 12 | 18.50 | 11.00 | 13.10 | 27 | 33.50 | 26.00 | 28.10 |
| 13 | 19.50 | 12.00 | 14.10 | 28 | 34.50 | 27.00 | 29.10 |
| 14 | 20.50 | 13.00 | 15.10 | 29 | 35.50 | 28.00 | 30.10 |
| 15 | 21.50 | 14.00 | 16.10 | 30 | 36.50 | 29.00 | 31.10 |
| 16 | 22.50 | 15.00 | 17.10 | 31 | 37.50 | 30.00 | 32.10 |
| 17 | 23.50 | 16.00 | 18.10 | 32 | 38.50 | 31.00 | 33.10 |

Recommended P.C.B. Layout
 Total tolerance: ±0.05mm

Applicable F.F.C Dimension(Ref.)
 Thickness: 0.30±0.03mm

| | | | | | | | | | | |
|---|-----|------|------|-------------------|----------|------------|----------------------------------|----------|------------------|--|
| F | ④ | | | GENERAL TOLERANCE | UNIT: mm | DATE | TITLE: FPC1.0 H2.0 卧式半包 下接 | | | 东莞市康瑞电子有限公司 Dongguan Konnra Electronics co., LTD. |
| | ③ | | | .X ± 0.30 | X° ± 1° | 2015.10.10 | | | | |
| | ② | | | .XX ± 0.20 | .X° ± | CHECKED: | PROJECT | PART NO. | F1000920D**SD22* | |
| | ① | | | .XXX ± 0.10 | .XX° ± | APPROVED: | VER. | SCALE: | N/A | |
| | LTR | NAME | DATE | VERISION RECORD | | | A1 | SHEET: | 1/1 | DRAWING NO. F10003400029S |

PITCH 1.0mm FPC CONNECTOR SMT TYPE



1. MATERIAL
 Housing:LCP UL 94V-0
 ACTUATOR:LCP UL 94V-0
 Contacts:Phosphor bronze
 Peg: Phosphor bronze
2. PLATING:
 CONTACTS:TIN OVER NICKEL
 PEG:TIN OVER NICKEL
3. PART NO: OPERATING VOLTAGE:50V AC,DC
 CURRENT RATING:0.5A AC,DC
 OPERATING TEMPERATURE:-25C +85C
 CONTACT RESISTANCE:20mΩ MAX
 INSULATION RESISTANCE:800MΩ MIN
 WITHSTANDING VOLTAGE:500V AC/MINUTE

| | | | | | | | | | |
|-----|------|------|-----------------|-------------------|----------|------------|-------------------------|--------|-----|
| △4 | | | | GENERAL TOLERANCE | UNIT: mm | DATE | TITLE: | | |
| △3 | | | | .X ± 0.30 | X° ± 1° | DRAWN: 闵昕皓 | 1.0mm pitch 2.5H 卧式半包下接 | | |
| △2 | | | | .XX ± 0.20 | .X° ± | CHECKED: | VER. | SCALE: | N/A |
| △1 | | | | .XXX ± 0.10 | .XX° ± | APPROVED: | A1 | SHEET: | 1/1 |
| LTR | NAME | DATE | VERISION RECORD | | | | | | |

东莞市康瑞电子有限公司
 DongGuan A Rui Electronic Co. LTD.

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| PROJECT | PART NO. | F1000125D**SD2*0 |
| DRAWING NO. | F10003400021S | |