

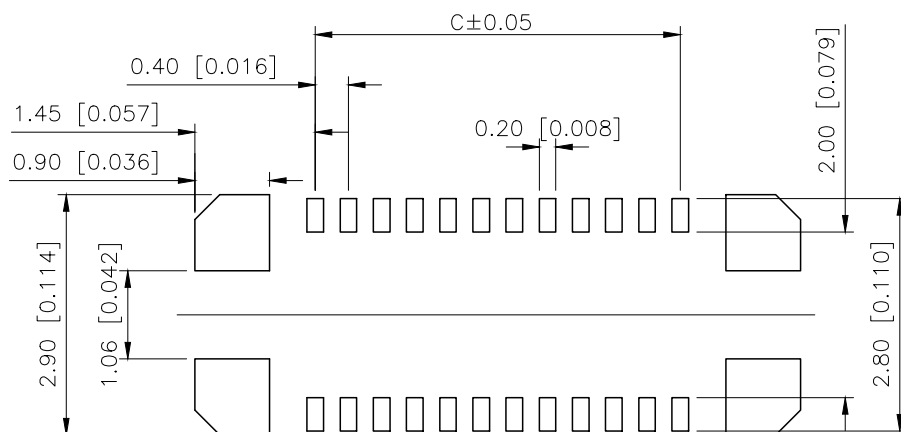
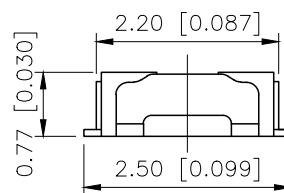
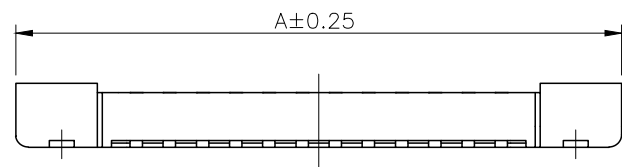
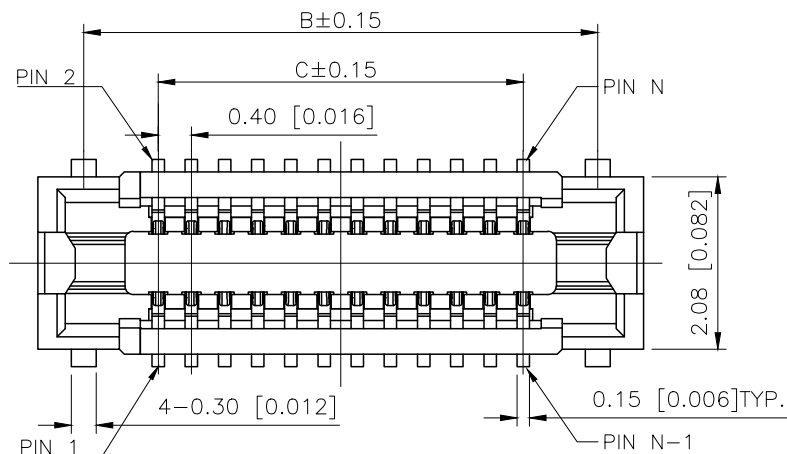
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| REVISIONS |         |          |                 |          |        |
|-----------|---------|----------|-----------------|----------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE     | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /        | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.2.7 | 阿树     |



RECOMMENDED PCB LAYOUT  
CONNECTOR SIDE

Specifications:

规格:

Voltage/current Rating: 30V/0.3A AC

电压/电流额定值: 30V/0.3A AC

Withstanding Voltage: 100V AC ONE Minute;

耐电压: 100V AC ONE Minute;

Temperature range: -35°C +85°C

温度范围: -35°C +85°C

Insulation resistance: 50MΩ min

绝缘电阻: 50MΩ Min

Contact resistance: 10mΩ Max

接触电阻: 10mΩ Max

绝缘材料 Insulator: LCP UL 94v-0 black;

端子 terminal: Copper alloy;

金属配件 Metal Fittings: copper alloy.

镀层 Plating: 1.端子 Terminal: Gold plating,

Nickel 50u" min. over all;

PART NO.:

X0400 F V S-XX-LP V01

① ② ③ ④ ⑤ ⑥ ⑦

①Series No

②Welding Board Angle: F-Female

③Welding Board Angle: V-Stright 180°

④Welding Way: S-SMT

⑤Row No.Pin No: XX-Single Row

⑥Material: LP-LCP 94V-0

⑦Plating Category: V01-Gold Flash

| PIN NO. | A     | B     | C    |
|---------|-------|-------|------|
| 10      | 4.50  | 3.40  | 1.60 |
| 12      | 4.90  | 3.80  | 2.00 |
| 16      | 5.70  | 4.60  | 2.80 |
| 20      | 6.50  | 5.40  | 3.60 |
| 24      | 7.30  | 6.20  | 4.40 |
| 30      | 8.50  | 7.40  | 5.60 |
| 34      | 9.30  | 8.20  | 6.40 |
| 40      | 10.50 | 9.40  | 7.60 |
| 50      | 12.50 | 11.40 | 9.60 |

|                   |           |                     |                  |                           |
|-------------------|-----------|---------------------|------------------|---------------------------|
| X0400FVS-XX-LPV01 | LCP 94V-0 | COPPER ALLOY        | GOLD PLATING     | X0400WVS                  |
| PART NO           | Material  | Material (Terminal) | Finish(Terminal) | Mates With XKB Pin Header |

|                        |       |
|------------------------|-------|
| AuGLAR                 | ±5°   |
| X.                     | ±0.40 |
| X.x                    | ±0.30 |
| X.xx                   | ±0.20 |
| X.xxx                  | ±0.15 |
| UNSPECIFIED TOLERANCES |       |



|          |    |       |       |             |                   |
|----------|----|-------|-------|-------------|-------------------|
| DESIGN   | 阿树 | VIEW: |       | MODEL TYPE: | BTB CONNECTOR     |
| CHECKED  |    | UNIT: | mm/in | PART NO.:   | X0400FVS-XX-LPV01 |
| APPROVED |    | SIZE: | A4    | DWG NO.:    |                   |