



Recommended PCB LAYOUT

Specifications:

规格:

Voltage rating:100V AC/DC

额定电压: 100V AC/DC

Current rating:0.3A AC/DC

额定电流: 0.3A AC/DC

Withstanding voltage:150V AC/minute

耐受电压: 150V AC/分钟

Temperature range:-40℃--+125℃

温度范围: -40℃--+125℃

Insulation resistance:100MΩ min

绝缘电阻: 100MΩ Min

Contact resistance:50mΩ Max

接触电阻: 50mΩ Max

X0502 F V S - XX X X S - LP SN  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- 1.Series No
- 2.Category:F-Female
- 3.Welding Board Angle:V-Straight 180°
- 4.Welding Way:S-SMT
- 5.Row No.Pin No:XX-10~80P
- 6.Height:A:2.2mm; B:2.3mm; C:2.9mm;D:4.3mm
- 7.Type:Blank-There are no side two ground tags  
 1-There are with side two ground tags
- 8.Special No:S-With positioning column
- 9.Material:LP-LCP UL94V-0
- 10.Plating:SN-Tin Plated or V01-Gold Flash

| Mating Height | PLUG | SOCKET |
|---------------|------|--------|
| 3.0           | 2.1  | 2.2    |
| 3.4           | 2.2  | 2.3    |
| 4.0           | 2.2  | 2.9    |
| 5.0           | 2.7  | 4.3    |

| Poles | Dimensions(mm) |      |      |      | Poles | Dimensions(mm) |       |       |       |
|-------|----------------|------|------|------|-------|----------------|-------|-------|-------|
|       | A              | B    | C    | D    |       | A              | B     | C     | D     |
| 10    | 4.70           | 2.00 | 3.20 | 4.10 | 32    | 10.20          | 7.50  | 8.70  | 9.60  |
| 12    | 5.20           | 2.50 | 3.70 | 4.60 | 36    | 11.20          | 8.50  | 9.70  | 10.60 |
| 14    | 5.70           | 3.00 | 4.20 | 5.10 | 40    | 12.20          | 9.50  | 10.70 | 11.60 |
| 20    | 7.20           | 4.50 | 5.70 | 6.60 | 50    | 14.70          | 12.00 | 13.20 | 14.60 |
| 22    | 7.70           | 5.00 | 6.20 | 7.10 | 60    | 17.20          | 14.50 | 15.70 | 16.60 |
| 24    | 8.20           | 5.50 | 6.70 | 7.60 | 80    | 22.20          | 19.50 | 20.70 | 21.60 |
| 30    | 9.70           | 7.00 | 8.20 | 9.10 | /     |                |       |       |       |

|                    |          |               |                    |
|--------------------|----------|---------------|--------------------|
| X0502FVS-XXXS-LPSN | LCP      | Copper Alloy  | X0502W             |
| PART NO            | Material | Material(Pin) | Suitable XKB Wafer |

|      |             |                                    |
|------|-------------|------------------------------------|
| DSND | SCALE: N/A  | MODEL TYPE:<br>0.5mm BTB Connector |
| DWN  | VIEW:       | PART NO.:<br>X0502FVS-XXXS-LPSN    |
| CHKD | UNIT: mm/in | DWG NO.:<br>X-X0502FVS-XXXS-LPSN   |
| APPD | SIZE: A4    |                                    |



XKB INDUSTRIAL PRECISION CO.,LIMITED

| WEIGHT | SHEET | REVISION |
|--------|-------|----------|
|        | 1/1   | A0       |

| MARK | DESCRIPTION | DATE | REVISED | APPROVED | UNSPECIFIED TOLERANCES |
|------|-------------|------|---------|----------|------------------------|
| ΔX   |             |      |         |          | ANGLAR ±5°             |
| ΔX   |             |      |         |          | L ≤ 4 ±0.2             |
| ΔX   |             |      |         |          | 4 < L ≤ 16 ±0.3        |
|      |             |      |         |          | 16 < L ≤ 63 ±0.4       |
|      |             |      |         |          | L > 63 ±0.5            |

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Board to Board & Mezzanine Connectors](#) category:*

*Click to view products by [XKB](#) manufacturer:*

Other Similar products are found below :

[589158040000018](#) [MDF7C-18P-2.54DSA\(55\)](#) [FCN-268F036-G/BD](#) [FCN-268M012-G/0D](#) [FCN-268M024-G/1D](#) [MIS-048-01-F-D-DP-K](#)  
[832-10-034-10-001000](#) [FX4C-80S-1.27DSA](#) [93696-330](#) [224393](#) [FCN-235D050-G/C](#) [210-93-314-41-105000](#) [MDF7-40DP-2.54DSA\(55\)](#)  
[55323-1519](#) [069159702701000](#) [101A10019X](#) [105061100000861+](#) [75140-7012](#) [87471-650](#) [1744382-4](#) [063209](#) [10124054-515LF](#) [68685-603](#)  
[8-1616154-3](#) [541371078](#) [IL-WX-10PB-HF-B-E1000E](#) [FX23-40P-0.5SV15B](#) [FCN-214J100-G/0](#) [354184](#) [P50-028-DDS-TG](#) [53309-2471](#)  
[54546-2071](#) [1586617-1](#) [504248-1210](#) [504248-2010](#) [1-1437355-2](#) [9159005551906](#) [NDS100-004-BF](#) [93696-730LF](#) [91922-31141LF](#) [505274-](#)  
[3440](#) [501493-2410](#) [504208-3410](#) [505006-0811](#) [505274-2040](#) [202436-1600](#) [202477-0414](#) [71660-7580](#) [73420-5192](#) [360-10-107-00-001000](#)