

Specifications:

规格:

Voltage rating:200V AC/DC

额定电压: 200V AC/DC

Current rating:1A AC/DC

额定电流: 1A AC/DC

Withstanding voltage:500V AC/minute

耐受电压: 500V AC/ 分钟

Temperature range:-40 +105

温度范围: -40 +105

Insulation resistance:≥1000MΩ

绝缘电阻: ≥1000MΩ

Contact resistance:≤20mΩ

接触电阻: ≤20mΩ

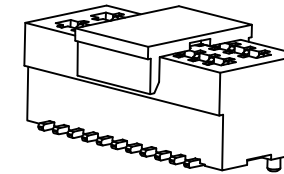
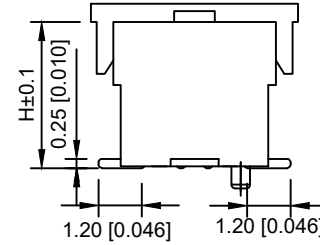
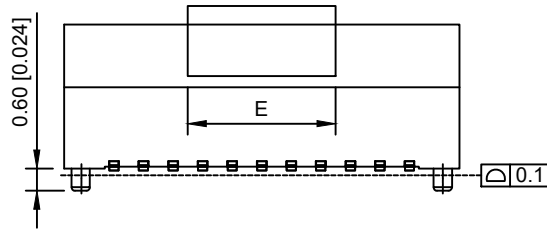
After environmental testing:≤40mΩ

环境测试后: ≤40兆欧

X0812 F V S-XX X S-9T V01

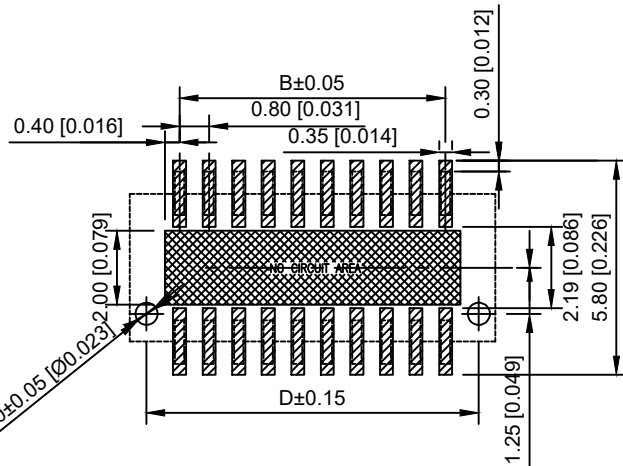
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- 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-04P-100P
- 6.Height:A=4.0mm;B=4.5mm;C=5.0mm;D=5.5mm;E=6.0mm;F=6.5mm
- 7.Special No:S-With positioning Column
- 8.Material:9T-PA9T UL94V-0 Black
- 9.Plating:V01-Gold Flash

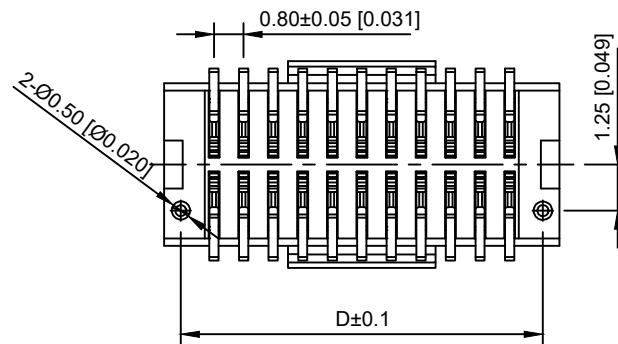


3D VIEW

| MATING HEIGHT | PLUG | SOCKET |
|---------------|------|--------|
| 4.0           | 1.0  | 3.0    |
| 4.5           | 1.0  | 3.5    |
| 5.0           | 1.0  | 4.0    |
| 5.5           | 1.0  | 4.5    |
| 6.0           | 2.0  | 4.0    |
| 6.5           | 2.0  | 4.5    |



RECOMMENDED PCB PATTERN DIM.  
TOLERANCE:±0.05



| No. of contacts | Dimensions |       |       |       |   | No. of contacts | Dimensions |       |       |       |   |
|-----------------|------------|-------|-------|-------|---|-----------------|------------|-------|-------|-------|---|
|                 | A          | B     | C     | D     | E |                 | A          | B     | C     | D     | E |
| 4               | 3.50       | 0.80  | 1.86  | 2.60  |   | 54              | 23.50      | 20.80 | 21.86 | 22.60 |   |
| 6               | 4.30       | 1.60  | 2.66  | 3.40  |   | 56              | 24.30      | 21.60 | 22.66 | 23.40 |   |
| 8               | 5.10       | 2.40  | 3.46  | 4.20  |   | 58              | 25.10      | 22.40 | 23.46 | 24.20 |   |
| 10              | 5.90       | 3.20  | 4.26  | 5.00  |   | 60              | 25.90      | 23.20 | 24.26 | 25.00 |   |
| 12              | 6.70       | 4.00  | 5.06  | 5.80  |   | 62              | 26.70      | 24.00 | 25.06 | 25.80 |   |
| 14              | 7.50       | 4.80  | 5.86  | 6.60  |   | 64              | 27.50      | 24.80 | 25.86 | 26.60 |   |
| 16              | 8.30       | 5.60  | 6.66  | 7.40  |   | 66              | 28.30      | 25.60 | 26.66 | 27.40 |   |
| 18              | 9.10       | 6.40  | 7.46  | 8.20  |   | 68              | 29.10      | 26.40 | 27.46 | 28.20 |   |
| 20              | 9.90       | 7.20  | 8.26  | 9.00  |   | 70              | 29.90      | 27.20 | 28.26 | 29.00 |   |
| 22              | 10.70      | 8.00  | 9.06  | 9.80  |   | 72              | 30.70      | 28.00 | 29.06 | 29.80 |   |
| 24              | 11.50      | 8.80  | 9.86  | 10.60 |   | 74              | 31.50      | 28.80 | 29.86 | 30.60 |   |
| 26              | 12.30      | 9.60  | 10.66 | 11.40 |   | 76              | 32.30      | 29.60 | 30.66 | 31.40 |   |
| 28              | 13.10      | 10.40 | 11.46 | 12.20 |   | 78              | 33.10      | 30.40 | 31.46 | 32.20 |   |
| 30              | 13.90      | 11.20 | 12.26 | 13.00 |   | 80              | 33.90      | 31.20 | 32.26 | 33.00 |   |
| 32              | 14.70      | 12.00 | 13.06 | 13.80 |   | 82              | 34.70      | 32.00 | 33.06 | 33.80 |   |
| 34              | 15.50      | 12.80 | 13.86 | 14.60 |   | 84              | 35.50      | 32.80 | 33.86 | 34.60 |   |
| 36              | 16.30      | 13.60 | 14.66 | 15.40 |   | 86              | 36.30      | 33.60 | 34.66 | 35.40 |   |
| 38              | 17.10      | 14.40 | 15.46 | 16.20 |   | 88              | 37.10      | 34.40 | 35.46 | 36.20 |   |
| 40              | 17.90      | 15.20 | 16.26 | 17.00 |   | 90              | 37.90      | 35.20 | 36.26 | 37.00 |   |
| 42              | 18.70      | 16.00 | 17.06 | 17.80 |   | 92              | 38.70      | 36.00 | 37.06 | 37.80 |   |
| 44              | 19.50      | 16.80 | 17.86 | 18.60 |   | 94              | 39.50      | 36.80 | 37.86 | 38.60 |   |
| 46              | 20.30      | 17.60 | 18.66 | 19.40 |   | 96              | 40.30      | 37.60 | 38.66 | 39.40 |   |
| 48              | 21.10      | 18.40 | 19.46 | 20.20 |   | 98              | 41.10      | 38.40 | 39.46 | 40.20 |   |
| 50              | 21.90      | 19.20 | 20.26 | 21.00 |   | 100             | 41.90      | 39.20 | 40.26 | 41.00 |   |

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



XKB INDUSTRIAL PRECISION CO., LIMITED

|      |             |   |
|------|-------------|---|
| DSND | SCALE: N/A  | MODEL TYPE:<br>0.8mm BTB Style Connectors |
| DWN  | VIEW:       | PART NO.:<br>X0812FVS-XXXS-9TV01          |
| CHKD | UNIT: mm/in | DWG NO.:<br>X-X0812FVS-XXXS-9TV01         |
| APPD | SIZE: A4    | WEIGHT SHEET REVISION<br>1/1 A0           |