

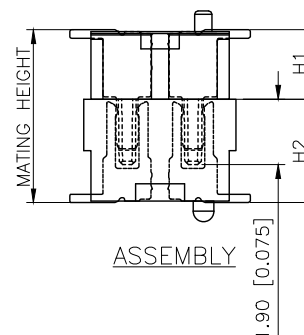
| REV. | ECN NO.          | LOCATION | REVISIONS       |            |        |
|------|------------------|----------|-----------------|------------|--------|
|      |                  |          | DESCRIPTION     | DATE       | DESIGN |
| A1   | N/A              |          | A: 72-100pin    | 2025.07.24 |        |
| A2   | ECN-P-2026031801 | A2X1     | 4.00: 72-100pin | 2026.03.18 |        |

| MATING HEIGHT | PLUG(H1) | SOCKET(H2) |
|---------------|----------|------------|
| 4.0           | 1.0      | 3.0        |
| 4.5           | 1.0      | 3.5        |
| 5.0           | 2.0/1.0  | 3.0/4.0    |
| 5.5           | 2.0/1.0  | 3.5/4.5    |
| 6.0           | 2.0      | 4.0        |
| 6.5           | 2.0      | 4.5        |
| 7.0           | 4.0      | 3.0        |
| 7.5           | 4.0      | 3.5        |
| 8.0           | 4.0      | 4.0        |
| 8.5           | 4.0      | 4.5        |

PART NO.:

X0812 W V S-30 B S-9T V01

Series No  
Category:W-Wafer  
Welding Board Angle:V-Straight 180°  
Welding Way: S-SMT  
Row No-Pin No:XX-04P-100P  
Plug Height:A=1.0mm;B=2.0mm;C=4.0  
Specal No:S-With positioning Column  
Material:9T-PA9T UL94V-0 Black  
Plating:V01-Gold Flash



- Specifications( )
- 1.Voltage rating( ):DC 50V
  - 2.Current rating( ):0.5A AC/DC
  - 3.Withstanding voltage( ):≥200V AC/minute
  - 4.Insulation resistance( ):≥100MΩ Min
  - 5.Contact resistance( ):≤50mΩ Max
  - 6.Temperature range( ):-40 ~+125

| No.of contacts | Dimensions |        |        |        | No.of contacts | Dimensions |        |        |        |
|----------------|------------|--------|--------|--------|----------------|------------|--------|--------|--------|
|                | A±0.10     | B±0.10 | C±0.10 | D±0.10 |                | A±0.10     | B±0.10 | C±0.10 | D±0.10 |
| 8              | 5.10       | 2.40   | 4.20   | 3.60   | 56             | 24.30      | 21.60  | 23.40  | 22.80  |
| 10             | 5.90       | 3.20   | 5.00   | 4.40   | 58             | 25.10      | 22.40  | 24.20  | 23.60  |
| 12             | 6.70       | 4.00   | 5.80   | 5.20   | 60             | 25.90      | 23.20  | 25.00  | 24.40  |
| 14             | 7.50       | 4.80   | 6.60   | 6.00   | 62             | 26.70      | 24.00  | 25.80  | 25.20  |
| 16             | 8.30       | 5.60   | 7.40   | 6.80   | 64             | 27.50      | 24.80  | 26.60  | 26.00  |
| 18             | 9.10       | 6.40   | 8.20   | 7.60   | 66             | 28.30      | 25.60  | 27.40  | 26.80  |
| 20             | 9.90       | 7.20   | 9.00   | 8.40   | 68             | 29.10      | 26.40  | 28.20  | 27.60  |
| 22             | 10.70      | 8.00   | 9.80   | 9.20   | 70             | 29.90      | 27.20  | 29.00  | 28.40  |
| 24             | 11.50      | 8.80   | 10.60  | 10.00  | 72             | 30.70      | 28.00  | 29.80  | 29.20  |
| 26             | 12.30      | 9.60   | 11.40  | 10.80  | 74             | 31.50      | 28.80  | 30.60  | 30.00  |
| 28             | 13.10      | 10.40  | 12.20  | 11.60  | 76             | 32.30      | 29.60  | 31.40  | 30.80  |
| 30             | 13.90      | 11.20  | 13.00  | 12.40  | 78             | 33.10      | 30.40  | 32.20  | 31.60  |
| 32             | 14.70      | 12.00  | 13.80  | 13.20  | 80             | 33.90      | 31.20  | 33.00  | 32.40  |
| 34             | 15.50      | 12.80  | 14.60  | 14.00  | 82             | 34.70      | 32.00  | 33.80  | 33.20  |
| 36             | 16.30      | 13.60  | 15.40  | 14.80  | 84             | 35.50      | 32.80  | 34.60  | 34.00  |
| 38             | 17.10      | 14.40  | 16.20  | 15.60  | 86             | 36.30      | 33.60  | 35.40  | 34.80  |
| 40             | 17.90      | 15.20  | 17.00  | 16.40  | 88             | 37.10      | 34.40  | 36.20  | 35.60  |
| 42             | 18.70      | 16.00  | 17.80  | 17.20  | 90             | 37.90      | 35.20  | 37.00  | 36.40  |
| 44             | 19.50      | 16.80  | 18.60  | 18.00  | 92             | 38.70      | 36.00  | 37.80  | 37.20  |
| 46             | 20.30      | 17.60  | 19.40  | 18.80  | 94             | 39.50      | 36.80  | 38.60  | 38.00  |
| 48             | 21.10      | 18.40  | 20.20  | 19.60  | 96             | 40.30      | 37.60  | 39.40  | 38.80  |
| 50             | 21.90      | 19.20  | 21.00  | 20.40  | 98             | 41.10      | 38.40  | 40.20  | 39.60  |
| 54             | 23.50      | 20.80  | 22.60  | 22.00  | 100            | 41.90      | 39.20  | 41.00  | 40.40  |

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



|          |  |             |                                           |
|----------|--|-------------|-------------------------------------------|
| DESIGN   |  | VIEW:       | MODEL TYPE:<br>0.8mm BTB Style Connectors |
| CHECKED  |  | UNIT: mm/in | PART NO.:<br>X0812WVS-30BS-9TV01          |
| APPROVED |  | SIZE: A4    | DWG NO.:                                  |

XKB INDUSTRIAL PRECISION CO.,LIMITED

|       |      |          |
|-------|------|----------|
| SCALE | PAGE | REVISION |
| N/A   | 1/1  | A2       |