

| REVISIONS |                  |          |             |            |        |
|-----------|------------------|----------|-------------|------------|--------|
| REV.      | ECN NO.          | LOCATION | DESCRIPTION | DATE       | DESIGN |
| A1        | N/A              |          |             | 2025.02.13 |        |
| A2        | ECN-P-2026040701 | A2X2     |             | 2026.04.07 |        |

PART NO.:

X0511 W V S-24 B -LP V01

Series No  
Category:W-Wafer  
Welding Board Angle:V-Straight 180°  
Welding Way: S-SMT  
Row No.Pin No:XX-10-80P  
Height:A=1.25mm;B=1.75mm  
Material:LP-LCP UL94V-0  
Plating:V01-Gold Flash

- Specifications( )
- 1.Voltage rating( ):DC 60V
  - 2.Current rating( ):0.5A AC/DC
  - 3.Withstanding voltage( ):≥150V AC/minute
  - 4.Insulation resistance( ):≥1000MΩ Min
  - 5.Contact resistance( ):≤90mΩ Max
  - 6.Temperature range( ): -40 ~+125

| HIGH | PLUG(H1) | SOCKET(H2) |
|------|----------|------------|
| 1.50 | 1.25     | 1.35       |
| 2.00 | 1.25     | 1.85       |
| 2.50 | 1.75     | 1.85       |

| Poles | A     | B     | Poles | A     | B     |
|-------|-------|-------|-------|-------|-------|
| 8     | 5.00  | 1.50  | 52    | 16.00 | 12.50 |
| 10    | 5.50  | 2.00  | 54    | 16.50 | 13.00 |
| 12    | 6.00  | 2.50  | 56    | 17.00 | 13.50 |
| 14    | 6.50  | 3.00  | 58    | 17.50 | 14.00 |
| 16    | 7.00  | 3.50  | 60    | 18.00 | 14.50 |
| 18    | 7.50  | 4.00  | 62    | 18.50 | 15.00 |
| 20    | 8.00  | 4.50  | 64    | 19.00 | 15.50 |
| 22    | 8.50  | 5.00  | 66    | 19.50 | 16.00 |
| 24    | 9.00  | 5.50  | 68    | 20.00 | 16.50 |
| 26    | 9.50  | 6.00  | 70    | 20.50 | 17.00 |
| 28    | 10.00 | 6.50  | 72    | 21.00 | 17.50 |
| 30    | 10.50 | 7.00  | 74    | 21.50 | 18.00 |
| 32    | 11.00 | 7.50  | 76    | 22.00 | 18.50 |
| 34    | 11.50 | 8.00  | 78    | 22.50 | 19.00 |
| 36    | 12.00 | 8.50  | 80    | 23.00 | 19.50 |
| 38    | 12.50 | 9.00  | 90    | 25.50 | 22.00 |
| 40    | 13.00 | 9.50  | 100   | 28.00 | 24.50 |
| 42    | 13.50 | 10.00 |       |       |       |
| 44    | 14.00 | 10.50 |       |       |       |
| 46    | 14.50 | 11.00 |       |       |       |
| 48    | 15.00 | 11.50 |       |       |       |
| 50    | 15.50 | 12.00 |       |       |       |

|                    |          |                 |                     |
|--------------------|----------|-----------------|---------------------|
| X0511WVS-24B-LPV01 | LCP      | Phosphor Bronze | X0511M              |
| PART NO            | Material | Material(Pin)   | Suitable XKB Female |

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



|          |             |                                       |
|----------|-------------|---------------------------------------|
| DESIGN   | VIEW:       | MODEL TYPE: 0.5mm BTB Style Connector |
| CHECKED  | UNIT: mm/in | PART NO.: X0511WVS-24B-LPV01          |
| APPROVED | SIZE: A4    | DWG NO.:                              |

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