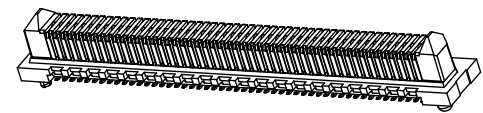
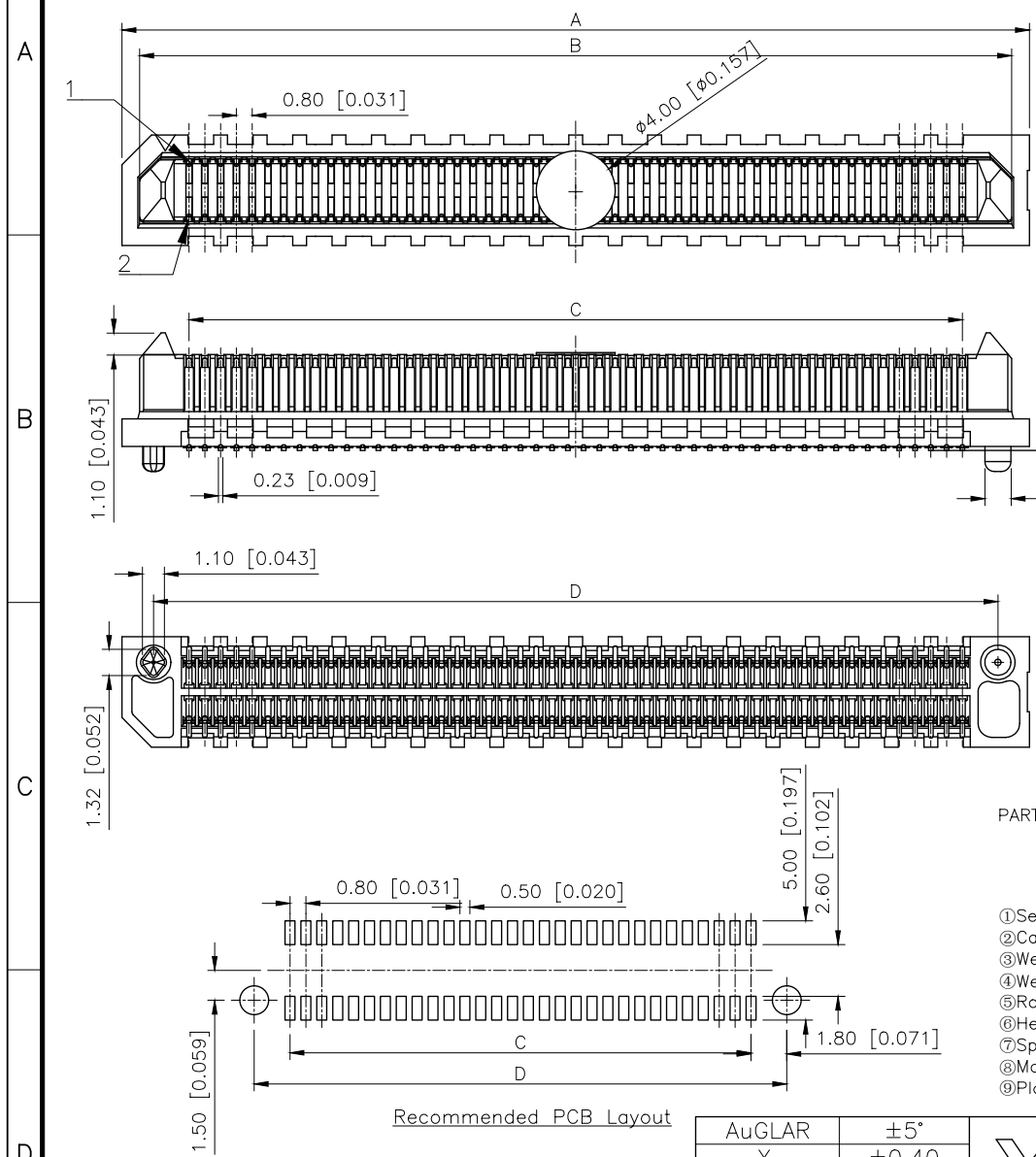
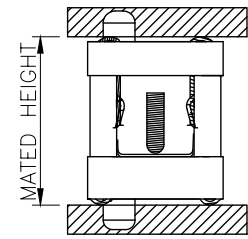
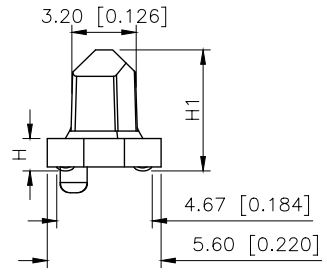


| REVISIONS |         |          |                 |           |        |
|-----------|---------|----------|-----------------|-----------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE      | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /         | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.2.14 | 阿树     |



Specifications:  
规格:  
Voltage rating:300V AC/DC  
额定电压: 300V 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:-55℃~+125℃  
温度范围: -55℃~+125℃  
Insulation resistance:1000MΩ min  
绝缘电阻: 1000MΩ Min  
Contact resistance:40mΩ Max  
接触电阻: 40mΩ Max



| HEIGHT | H    | H1    |
|--------|------|-------|
| 2.00   | 1.61 | 5.97  |
| 5.00   | 4.61 | 8.91  |
| 8.00   | 7.61 | 11.91 |
| 9.00   | 8.61 | 12.91 |

| Poles | A     | B     | C     | D     |
|-------|-------|-------|-------|-------|
| 10    | 10.00 | 8.20  | 3.20  | 6.80  |
| 20    | 14.00 | 12.20 | 7.20  | 10.80 |
| 22    | 14.80 | 13.00 | 8.00  | 11.60 |
| 24    | 15.60 | 13.80 | 8.80  | 12.40 |
| 26    | 16.40 | 14.60 | 9.60  | 13.20 |
| 30    | 18.00 | 16.20 | 11.20 | 14.80 |
| 40    | 22.00 | 20.20 | 15.20 | 18.80 |
| 50    | 26.00 | 24.20 | 19.20 | 22.80 |
| 60    | 30.00 | 28.20 | 23.20 | 26.80 |

PART NO.:

X0811 W V S-XX X S-LP V01  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ①Series No
- ②Category:W-Wafer
- ③Welding Board Angle:V-Straight 180°
- ④Welding Way: S-SMT
- ⑤Row No-Pin No:XX-10Pin-200Pin
- ⑥Height:A=2.0; B=5.0; C=8.0; D=9.0mm
- ⑦Special No:S-With positioning Column
- ⑧Material:LP-LCP UL 94V-0 Black
- ⑨Plating:V01-Gold Flash

| MATED HEIGHT |        |       |       | MATED HEIGHT |       |       |       |
|--------------|--------|-------|-------|--------------|-------|-------|-------|
| Male         | Female |       |       | 70           | 34.00 | 32.20 | 27.20 |
|              | 5.0    | 7.0   | 9.0   | 80           | 38.00 | 36.20 | 31.20 |
| 2.0          | 7.00   | 9.00  | 11.00 | 100          | 46.00 | 44.20 | 39.20 |
| 5.0          | 10.00  | 12.00 | 14.00 | 120          | 54.00 | 52.20 | 47.20 |
| 8.0          | 13.00  | 15.00 | 17.00 | 140          | 62.00 | 60.20 | 55.20 |
| 9.0          | 14.00  | 16.00 | 18.00 | 150          | 66.00 | 64.20 | 59.20 |
|              |        |       |       | 160          | 68.00 | 66.20 | 61.20 |
|              |        |       |       | 180          | 74.00 | 72.20 | 67.20 |
|              |        |       |       | 200          | 86.00 | 84.20 | 79.20 |

|                     |          |                 |                     |
|---------------------|----------|-----------------|---------------------|
| X0811WVS-XXXS-LPV01 | LCP      | Phosphor Bronze | X0811F              |
| PART NO             | Material | Material(Pin)   | Suitable XKB Female |

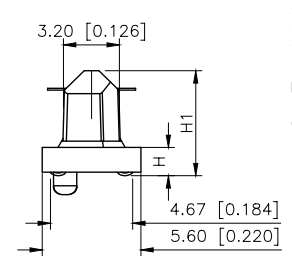
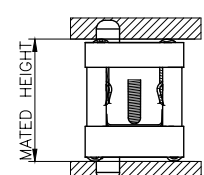
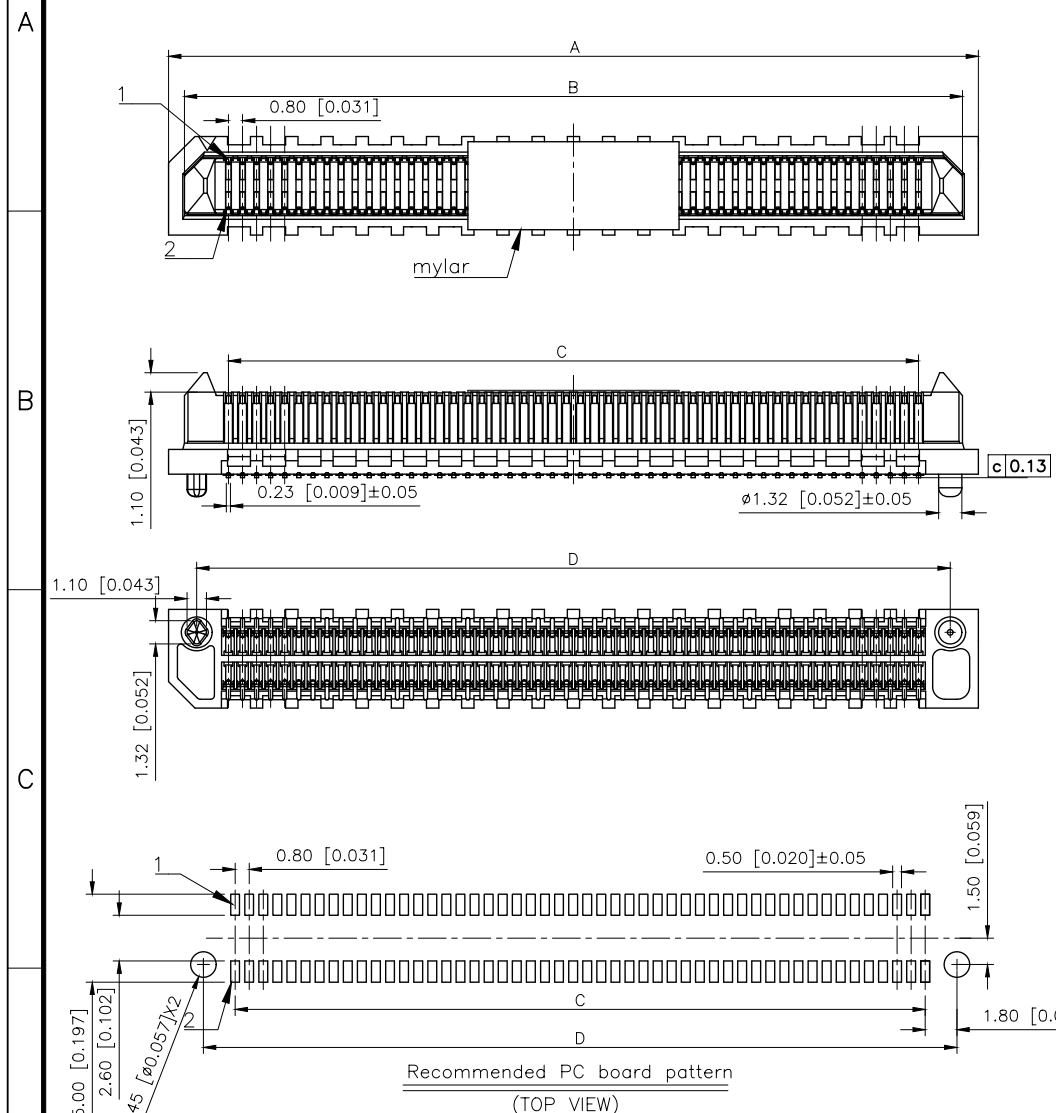
Recommended PCB Layout

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



|          |    |             |                               |
|----------|----|-------------|-------------------------------|
| DESIGN   | 阿树 | VIEW:       | 0.8mm BTB Style Connector     |
| CHECKED  |    | UNIT: mm/in | PART NO.: X0811WVS-XXXS-LPV01 |
| APPROVED |    | SIZE: A4    | DWG NO.:                      |

| REVISIONS |         |          |                  |           |        |
|-----------|---------|----------|------------------|-----------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION      | DATE      | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE  | /         | /      |
| A1        | N/A     |          | 产品外观变更, 图面升级整理图面 | 2025.2.25 | 阿树     |



| HEIGHT | H    | H1    |
|--------|------|-------|
| 2.00   | 1.61 | 5.97  |
| 3.00   | 2.61 | 6.97  |
| 5.00   | 4.61 | 8.91  |
| 8.00   | 7.61 | 11.91 |
| 9.00   | 8.61 | 12.91 |

Specifications:  
规格:  
Voltage rating: 300V AC/DC  
额定电压: 300V 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: -55°C ~ +125°C  
温度范围: -55°C ~ +125°C  
Insulation resistance: 1000M $\Omega$  min  
绝缘电阻: 1000M $\Omega$  Min  
Contact resistance: 40m $\Omega$  Max  
接触电阻: 40m $\Omega$  Max

PART NO.:  
X0811 W V S-50 A S-LP V01  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨  
① Series No  
② Category: W-Wafer  
③ Welding Board Angle: V-Stright 180°  
④ Welding Way: S-SMT  
⑤ Row No-Pin No: XX-10Pin-200Pin  
⑥ Height: A=2.0; B=5.0; C=8.0; D=9.0mm  
⑦ Special No: S-With positioning Column  
⑧ Material: LP-LCP UL 94V-0 Black  
⑨ Plating: V01-Gold Flash

| Poles | A     | B     | C     | D     |
|-------|-------|-------|-------|-------|
| 10    | 10.00 | 8.20  | 3.20  | 6.80  |
| 20    | 14.00 | 12.20 | 7.20  | 10.80 |
| 22    | 14.80 | 13.00 | 8.00  | 11.60 |
| 24    | 15.60 | 13.80 | 8.80  | 12.40 |
| 26    | 16.40 | 14.60 | 9.60  | 13.20 |
| 30    | 18.00 | 16.20 | 11.20 | 14.80 |
| 40    | 22.00 | 20.20 | 15.20 | 18.80 |
| 50    | 26.00 | 24.20 | 19.20 | 22.80 |
| 60    | 30.00 | 28.20 | 23.20 | 26.80 |
| 70    | 34.00 | 32.20 | 27.20 | 30.80 |
| 80    | 38.00 | 36.20 | 31.20 | 34.80 |
| 100   | 46.00 | 44.20 | 39.20 | 42.80 |
| 120   | 54.00 | 52.20 | 47.20 | 50.80 |
| 140   | 62.00 | 60.20 | 55.20 | 58.80 |
| 150   | 66.00 | 64.20 | 59.20 | 62.80 |
| 200   | 86.00 | 84.20 | 79.20 | 82.00 |

| MATED HEIGHT |        |       |       |
|--------------|--------|-------|-------|
| Male         | Female |       |       |
|              | 5.0    | 7.0   | 9.0   |
| 2.0          | 7.00   | 9.00  | 11.00 |
| 3.0          | 8.00   | 10.00 | 12.00 |
| 5.0          | 10.00  | 12.00 | 14.00 |
| 8.0          | 13.00  | 15.00 | 17.00 |
| 9.0          | 14.00  | 16.00 | 18.00 |

|                     |          |                 |                     |
|---------------------|----------|-----------------|---------------------|
| X0811WVS-50AS-LPV01 | LCP      | Phosphor Bronze | X0811WVS            |
| PART NO             | Material | Material(Pin)   | Suitable XKB Female |

|                        |               |
|------------------------|---------------|
| AuGLAR                 | $\pm 5^\circ$ |
| X.                     | $\pm 0.40$    |
| X.x                    | $\pm 0.30$    |
| X.xx                   | $\pm 0.20$    |
| X.xxx                  | $\pm 0.15$    |
| UNSPECIFIED TOLERANCES |               |



|          |    |       |       |
|----------|----|-------|-------|
| DESIGN   | 阿树 | VIEW: |       |
| CHECKED  |    | UNIT: | mm/in |
| APPROVED |    | SIZE: | A4    |

|             |                           |
|-------------|---------------------------|
| MODEL TYPE: | 0.8mm BTB Style Connector |
| PART NO.:   | X0811WVS-50AS-LPV01       |
| DWG NO.:    |                           |