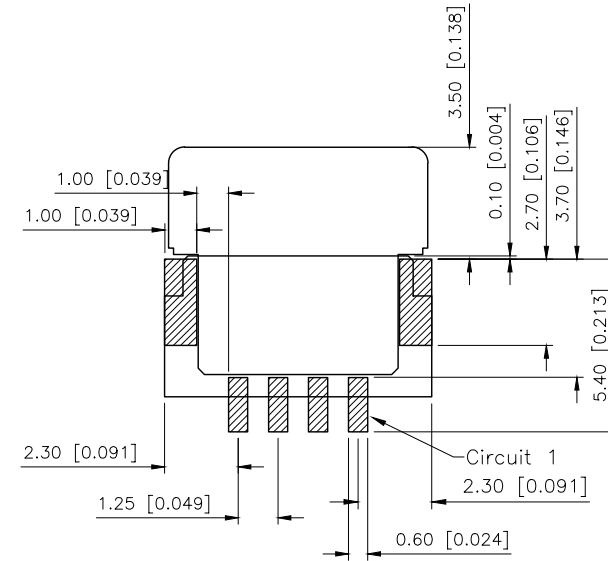
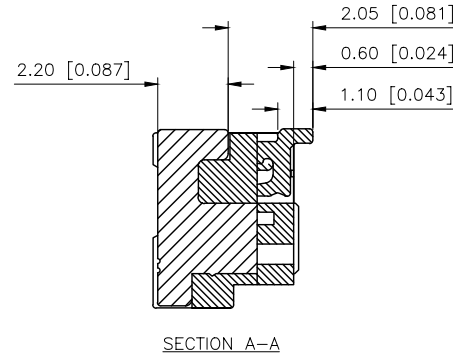
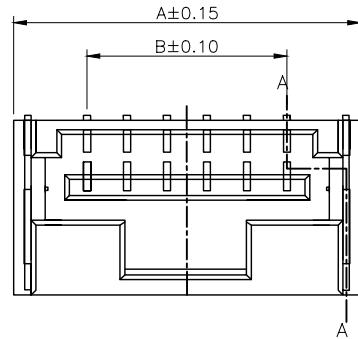
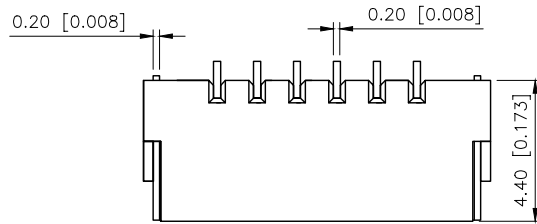


| REV. | ECN NO. | LOCATION | REVISIONS       |            |        |
|------|---------|----------|-----------------|------------|--------|
|      |         |          | DESCRIPTION     | DATE       | DESIGN |
| A0   | N/A     |          | INITIAL RELEASE | /          | /      |
| A1   | N/A     |          | 图面升级整理图面        | 2025.07.07 | 阿树     |



PCB LAYOUT

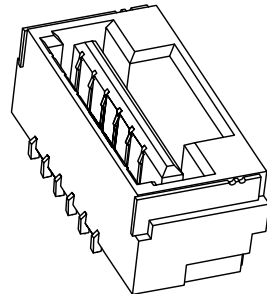
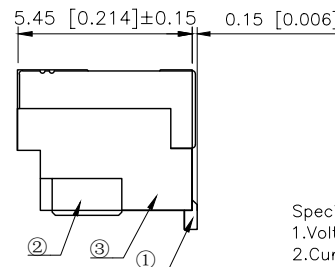
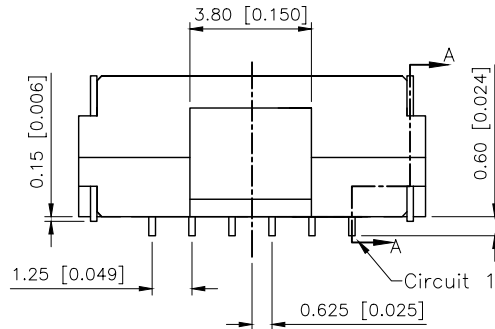
PART NO.:

X1254 W R S-03-LP SW  
① ② ③ ④ ⑤ ⑥ ⑦

- ①Series No  
②Category:W-Wafer  
③Welding Board Angle:R-Sright 90°  
④Welding Way: S-SMT  
⑤Row No.Pin No:XX-02~07Pin  
⑥Material:LP-LCP UL94V-0  
⑦Planting: SW-Matte tin plating

## Specifications(规格):

- 1.Voltage rating(额定电压):DC 50V
- 2.Current rating(额定电流):1A AC/DC
- 3.Withstanding voltage(耐压值):≥250V AC/minute
- 4.Insulation resistance(绝缘电阻):≥100MΩ Min
- 5.Contact resistance(接触电阻):≤20mΩ Max
- 6.Temperature range(使用温度):-40℃~+125℃
- 7.Plug-in force(插入力):≥3N (per pin)
- 8.Plug-out force(拔出力):≥0.3N (per pin)



| Circuit | Dimensions(mm) |      |
|---------|----------------|------|
|         | A              | B    |
| 02      | 5.85           | 1.25 |
| 03      | 7.10           | 2.50 |
| 04      | 8.35           | 3.75 |
| 05      | 9.60           | 5.00 |
| 06      | 10.85          | 6.25 |
| 07      | 12.10          | 7.50 |

|                  |          |               |            |                      |
|------------------|----------|---------------|------------|----------------------|
| X1254WRS-03-LPSW | LCP      | Brass         | Tin-Plated | X1254H               |
| PART NO          | Material | Material(Pin) | Finsh(Pin) | Suitable XKB Housing |

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



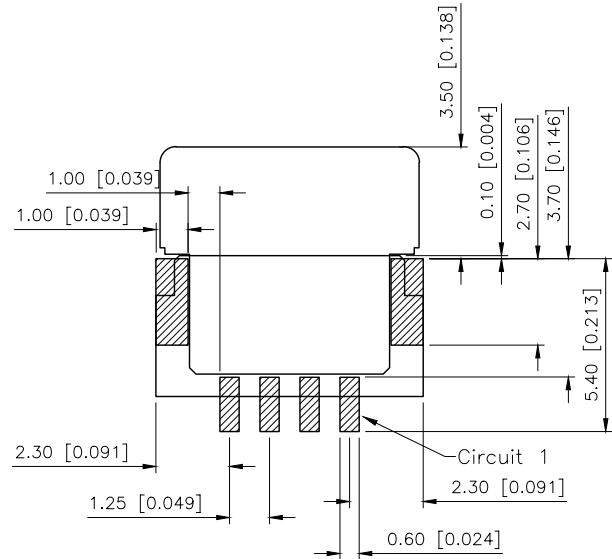
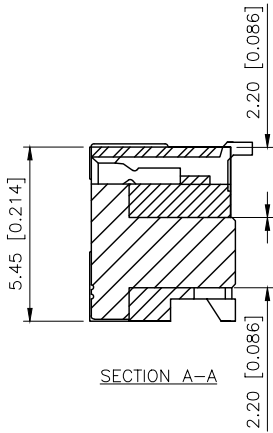
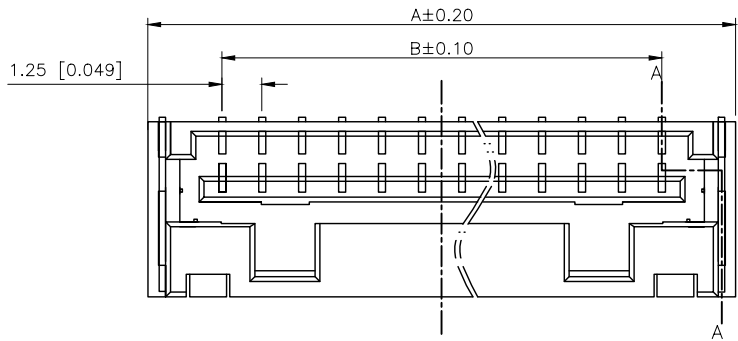
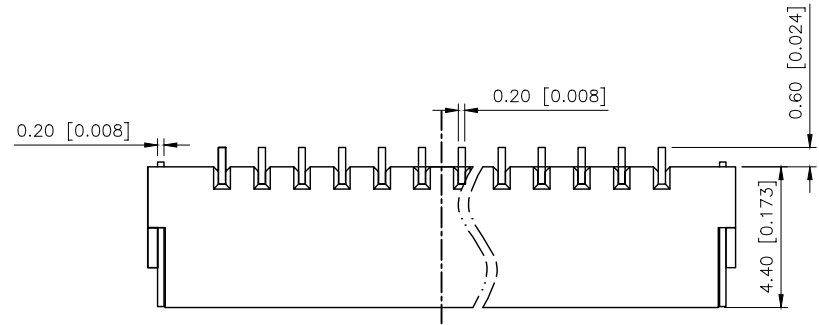
|          |    |       |       |
|----------|----|-------|-------|
| DESIGN   | 阿树 | VIEW: | ①     |
| CHECKED  |    | UNIT: | mm/in |
| APPROVED |    | SIZE: | A4    |

|             |                              |
|-------------|------------------------------|
| MODEL TYPE: | 1.25mm Crimp Style Connector |
| PART NO.:   | X1254WRS-03-LPSW             |
| DWG NO.:    | X-X1254WRS-03-LPSW           |

XKB INDUSTRIAL PRECISION CO.,LIMITED

|       |      |          |
|-------|------|----------|
| SCALE | PAGE | REVISION |
| N/A   | 1/2  | A1       |

| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /          | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.07.07 | 阿树     |



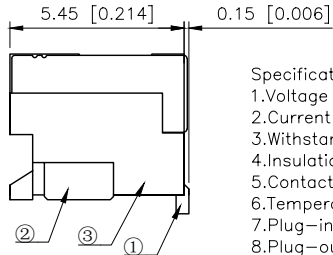
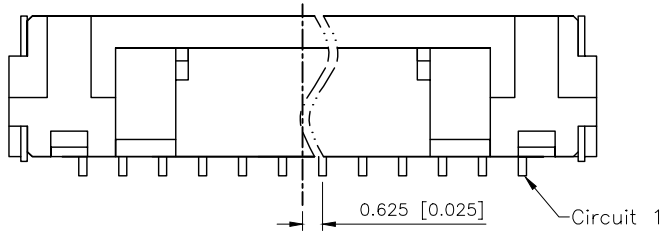
PCB LAYOUT

PART NO.:

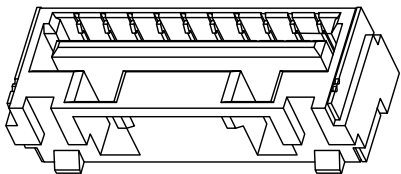
X1254 W R S-03-LP SW  
① ② ③ ④ ⑤ ⑥ ⑦

- ①Series No  
②Category:W-Wafer  
③Welding Board Angle:R-Stright 90°  
④Welding Way: S-SMT  
⑤Row No.Pin No:XX-08~15Pin  
⑥Material:LP-LCP UL94V-0  
⑦Planting: SW-Matte tin plating

| Circuit | Dimensions(mm) |       |
|---------|----------------|-------|
|         | A              | B     |
| 08      | 13.35          | 8.75  |
| 09      | 14.60          | 10.00 |
| 10      | 15.85          | 11.25 |
| 11      | 17.10          | 12.50 |
| 12      | 18.35          | 13.75 |
| 13      | 19.60          | 15.00 |
| 14      | 20.85          | 16.25 |
| 15      | 22.10          | 17.50 |



- Specifications(规格):  
1.Voltage rating(额定电压):DC 50V  
2.Current rating(额定电流):1A AC/DC  
3.Withstanding voltage(耐压值):≥250V AC/minute  
4.Insulation resistance(绝缘电阻):≥100MΩ Min  
5.Contact resistance(接触电阻):≤20mΩ Max  
6.Temperature range(使用温度):-40℃~+125℃  
7.Plug-in force(插入力):≥3N (per pin)  
8.Plug-out force(拔出力):≥0.3N (per pin)



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



|          |    |             |                                             |
|----------|----|-------------|---------------------------------------------|
| DESIGN   | 阿树 | VIEW:       | MODEL TYPE:<br>1.25mm Crimp Style Connector |
| CHECKED  |    | UNIT: mm/in | PART NO.:<br>X1254WRS-03-LPSW               |
| APPROVED |    | SIZE: A4    | DWG NO.:<br>X-X1254WRS-03-LPSW              |

| SCALE | PAGE | REVISION |
|-------|------|----------|
| N/A   | 2/2  | A1       |