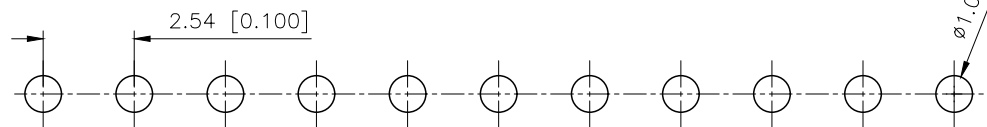
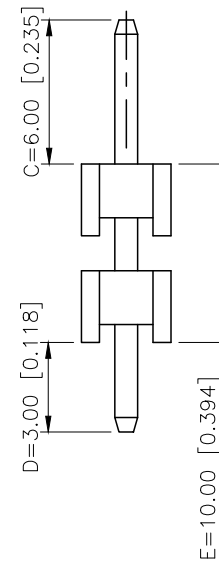
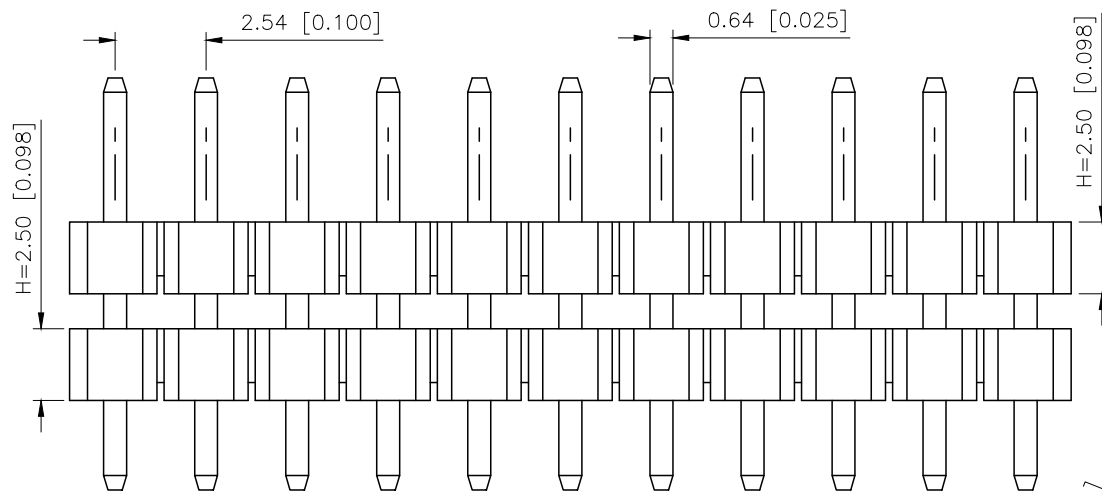
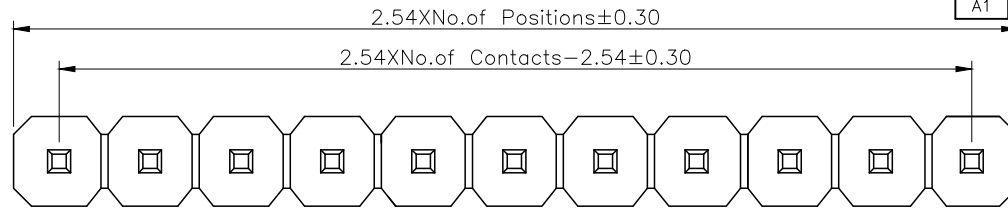


| REVISIONS |         |          |                 |           |        |
|-----------|---------|----------|-----------------|-----------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE      | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /         | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.2.26 | 阿树     |



PCB LAYOUT

Specifications:

规格:

Voltage rating:250V AC/DC

额定电压: 250V AC/DC

Current rating:3A AC/DC

额定电流: 3A AC/DC

Withstanding voltage:1000V AC/minute

耐受电压: 1000V 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

Material:PA6T UL94V-0

材质: PA6T UL94V-0

Plating Category:1U"Gold

镀层: 1U"Gold

Wave soldering temperature:255±5℃, 10S

波峰焊温度: 255±5℃, 10S

PART NO.:

X6512 W V-25 H-C60 D30-E100  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ①Series No  
②Category:W-Wafer  
③Welding Board Angle:V-Stright 180°  
④Row No -Pin No:XX-02P-40P  
⑤Plastic height: H=2.5mm  
⑥Pin length: C=6.0mm  
⑦Pin length:D=3.0mm  
⑧Pin length:E=10.0mm

|                         |          |               |             |                        |
|-------------------------|----------|---------------|-------------|------------------------|
| X6512WV-25H-C60D30-E100 | PA6T     | Brass         | 1U"Gold     | X6511F                 |
| PART NO                 | Material | Material(Pin) | Finish(Pin) | Suitable<br>XKB Female |

|                        |       |
|------------------------|-------|
| 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>2.54 BTB Connector     |
| CHECKED  |    | UNIT: mm/in | PART NO.:<br>X6512WV-25H-C60D30-E100  |
| APPROVED |    | SIZE: A4    | DWG NO.:<br>X-X6512WV-25H-C60D30-E100 |
| SCALE    |    |             | PAGE                                  |
| N/A      |    |             | 1/1                                   |
| REVISION |    |             | A1                                    |