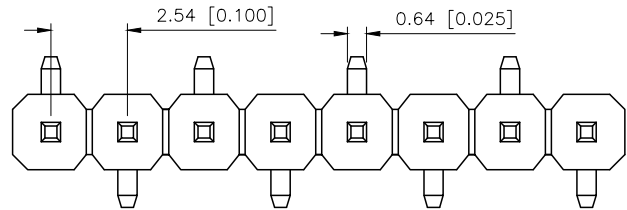
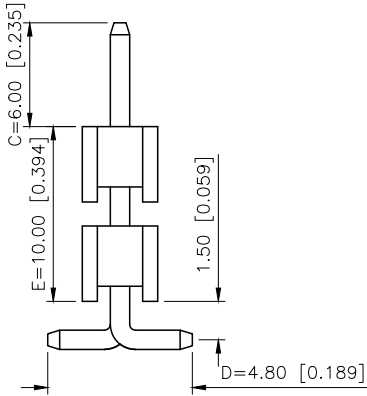
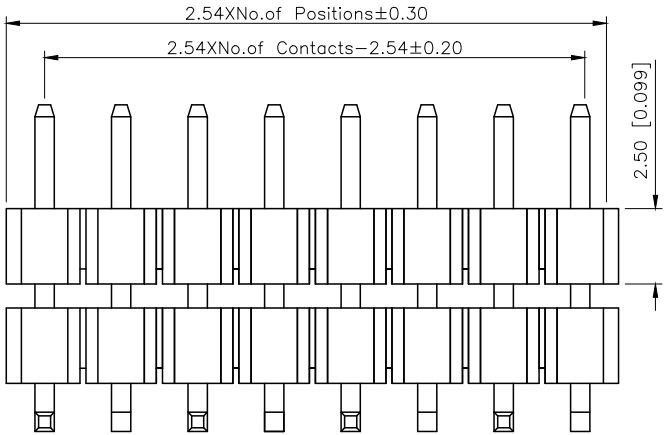
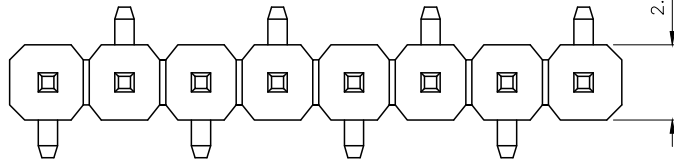


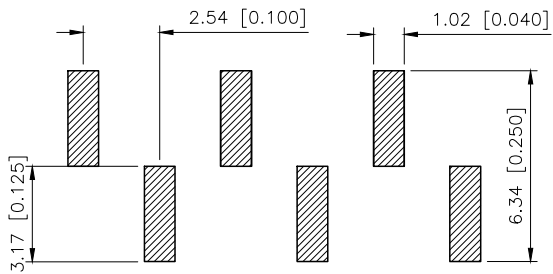
| REVISIONS |         |          |                 |           |        |
|-----------|---------|----------|-----------------|-----------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE      | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /         | /      |
| A1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



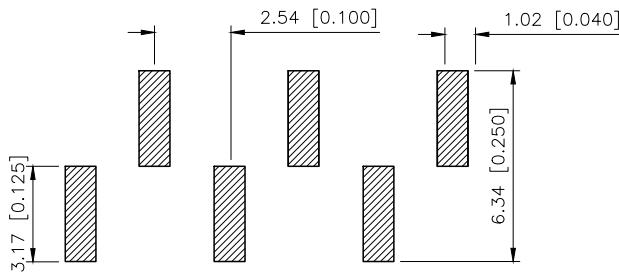
Type R1



Type R2



PCB LAYOUT



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

Reflow soldering temperature:260±5℃, 10S

回流焊温度: 260±5℃, 10S

PART NO.:

X6512 W V S-05 H-C60 D48-E100 R2  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

①Series No

②Category:W-Wafer

③Welding Board Angle:V-Stright 180°

④Welding Way: S-SMT

⑤Row No -Pin No:XX-02P-40P

⑥Plastic height: H=2.5mm

⑦Pin length: C=6.0mm

⑧Pin length:D=4.8mm

⑨Pin length:E=10.0mm

⑩Type:X-R1; R2

|                            |          |               |             |                        |
|----------------------------|----------|---------------|-------------|------------------------|
| X6512WVS-05H-C60D48-E100R2 | 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>X6512WVS-05H-C60D48-E100R2  |
| APPROVED |    | SIZE: A4    | DWG NO.:<br>X-X6512WVS-05H-C60D48-E100R2 |
|          |    | SCALE       | PAGE                                     |
|          |    | N/A         | 1/1                                      |
|          |    | REVISION    | A1                                       |