

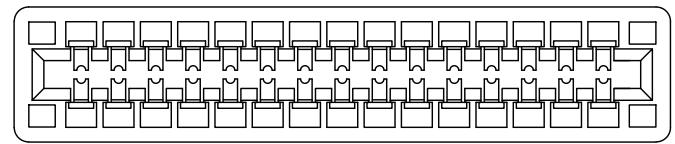
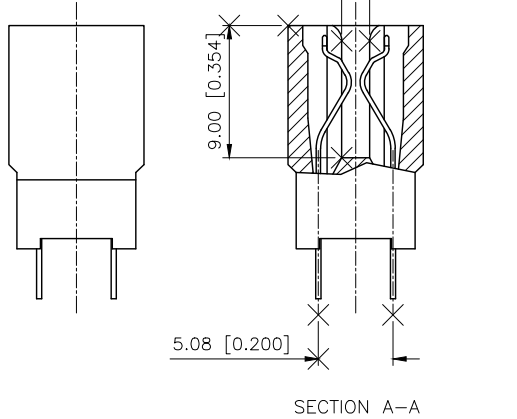
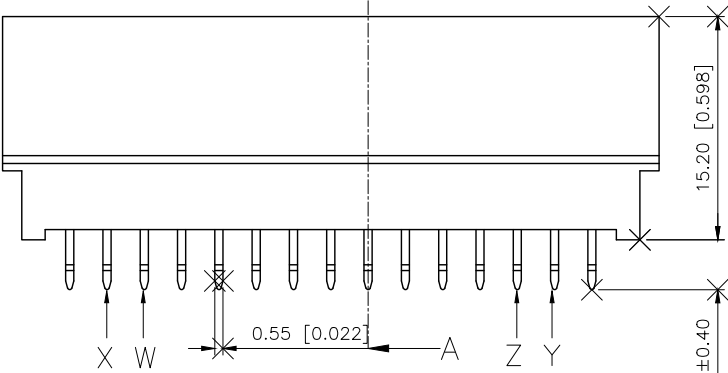
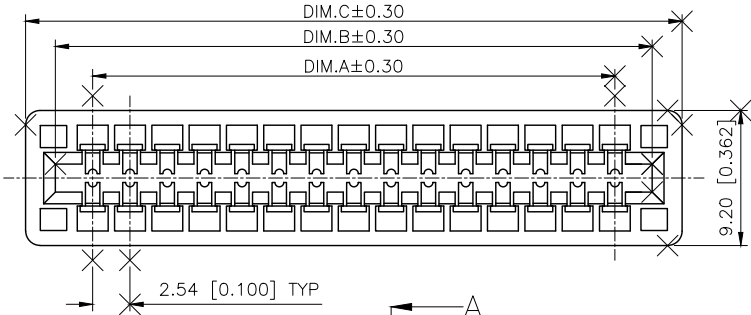
| REVISIONS |         |          |                 |          |
|-----------|---------|----------|-----------------|----------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE     |
| A0        | N/A     |          | INITIAL RELEASE | /        |
| A1        | N/A     |          | 图面升级整理图面        | 2025.1.6 |

PART NO.:

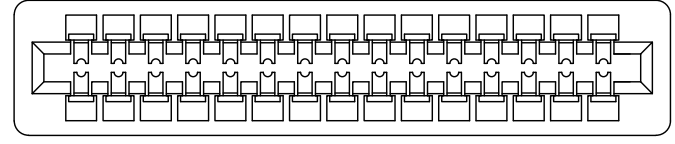
X2549 W V-2x25-PT V01  
① ② ③ ④ ⑤ ⑥

- ①Series No  
②Category:W-Wafer  
③Welding Board Angle:V-Stright 180°  
④No.of Pins: 2xXX PIN  
⑤Plastic material: 9T-PA9T, PT-PBT  
⑥Contact Plating:V01-Gold Flash  
V30-Gold 30u"

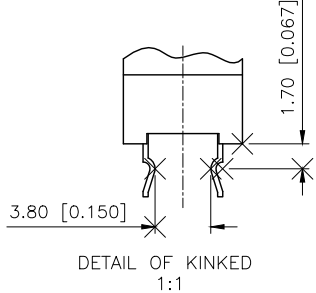
- NOTES:  
1. MATERIAL:  
1.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0,  
COLOR: BLACK.  
1.2 CONTACT: COPPER ALLOY.  
2. FINISH:  
2.1 CONTACT:  
SELECTIVE GOLD PLATING ON THE CONTACT AREA.  
100u" MIN. BRIGHT-TIN PLATING ON THE SOLDER TAIL AREA.  
50u" MIN. NICKEL UNDERPLATING OVERALL.  
3. PRODUCT SPEC: PS-ISA-03  
4. PACKAGING SPEC: SA04001



FOR PBT



FOR 9T



| NO OF POS | DIM A | DIM B | DIM C | KINKED | NO OF POS | DIM A | DIM B | DIM C | KINKED |
|-----------|-------|-------|-------|--------|-----------|-------|-------|-------|--------|
| 2X3       | 5.08  | 10.16 | 14.22 | ---    | 2X20      | 48.26 | 53.34 | 57.40 | XY     |
| 2X4       | 7.62  | 12.70 | 16.76 | ---    | 2X21      | 50.80 | 55.88 | 59.94 | XY     |
| 2X5       | 10.16 | 15.24 | 19.30 | ---    | 2X22      | 53.34 | 58.42 | 62.48 | XY     |
| 2X6       | 12.70 | 17.78 | 21.84 | ---    | 2X23      | 55.88 | 60.96 | 65.02 | XY     |
| 2X7       | 15.24 | 20.32 | 24.38 | ---    | 2X24      | 58.42 | 63.50 | 67.56 | XY     |
| 2X8       | 17.78 | 22.86 | 26.92 | ---    | 2X25      | 60.96 | 66.04 | 70.10 | XY     |
| 2X9       | 20.32 | 25.40 | 29.46 | XY     | 2X26      | 63.50 | 68.58 | 72.64 | XY     |
| 2X10      | 22.86 | 27.94 | 32.00 | XY     | 2X27      | 66.04 | 71.12 | 75.18 | XY     |
| 2X11      | 25.40 | 30.48 | 34.54 | XY     | 2X28      | 68.58 | 73.66 | 77.72 | XY     |
| 2X12      | 27.94 | 33.02 | 37.08 | XY     | 2X29      | 71.12 | 76.20 | 80.26 | XY     |
| 2X13      | 30.48 | 35.56 | 39.62 | WXYZ   | 2X30      | 73.66 | 78.74 | 82.80 | XY     |
| 2X14      | 33.02 | 38.10 | 42.16 | XY     | 2X31      | 76.20 | 81.28 | 85.34 | WZ     |
| 2X15      | 35.56 | 40.64 | 44.70 | XY     | 2X32      | 78.74 | 83.82 | 87.88 | WXYZ   |
| 2X16      | 38.10 | 43.18 | 47.24 | XY     | 2X33      | 81.28 | 86.36 | 90.42 | WXYZ   |
| 2X17      | 40.64 | 45.72 | 49.78 | XY     | 2X34      | 83.82 | 88.90 | 92.96 | WXYZ   |
| 2X18      | 43.18 | 48.26 | 52.32 | WXYZ   | 2X35      | 86.36 | 91.44 | 95.50 | WXYZ   |
| 2X19      | 45.72 | 50.80 | 54.86 | XY     | 2X36      | 88.90 | 93.98 | 98.04 | WXYZ   |

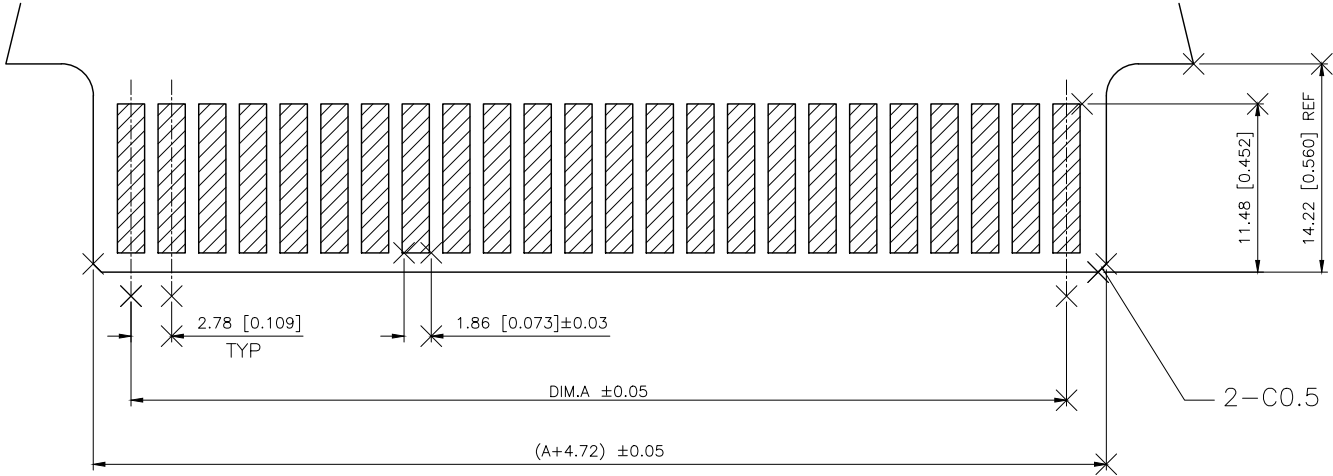
|                        |       |
|------------------------|-------|
| AuGLAR                 | ±5°   |
| X.                     | ±0.40 |
| X.x                    | ±0.30 |
| X.xx                   | ±0.20 |
| X.xxx                  | ±0.15 |
| UNSPECIFIED TOLERANCES |       |



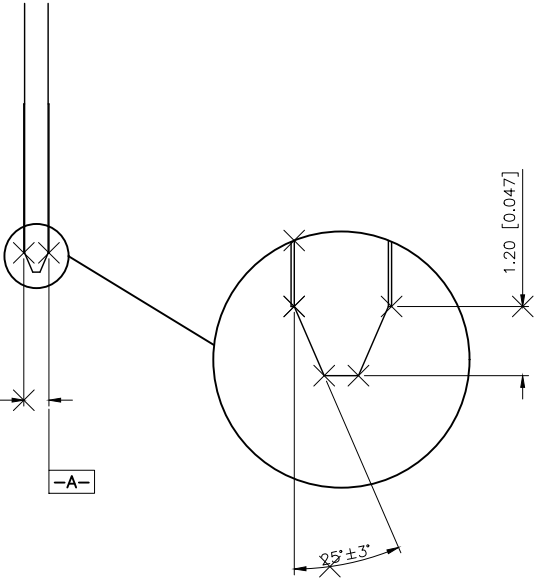
|          |    |       |       |             |                              |
|----------|----|-------|-------|-------------|------------------------------|
| DESIGN   | 阿树 | VIEW: |       | MODEL TYPE: | 2.54mm Crimp Style Connector |
| CHECKED  |    | UNIT: | mm/in | PART NO.:   | X2549WV-2x25-PTV01           |
| APPROVED |    | SIZE: | A4    | DWG NO.:    | X-X2549WV-2x25-PTV01         |

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

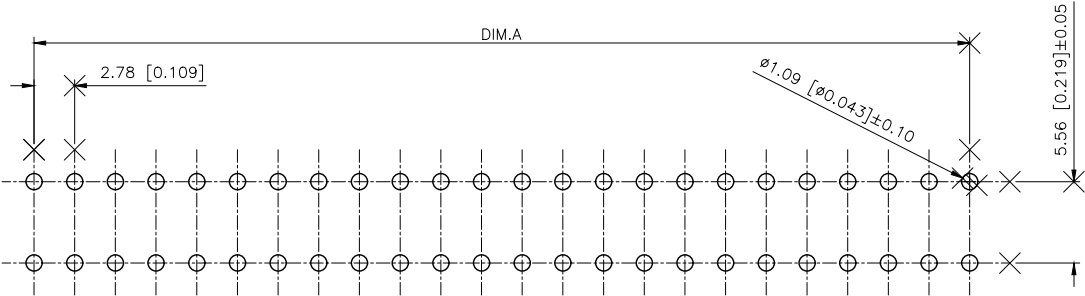
| REVISIONS |         |          |                 |          |        |
|-----------|---------|----------|-----------------|----------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE     | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /        | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.1.6 | 阿树     |



RECOMMENDED MATING COMPONENT BOARD



TYPICAL CARD EDGE  
PROFILE



RECOMMENDED PCB LAYOUT  
Tolerance: ±0.05

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



|          |    |
|----------|----|
| DESIGN   | 阿树 |
| CHECKED  |    |
| APPROVED |    |

|       |       |
|-------|-------|
| VIEW: |       |
| UNIT: | mm/in |
| SIZE: | A4    |

|                                             |      |          |
|---------------------------------------------|------|----------|
| MODEL TYPE:<br>2.54mm Crimp Style Connector |      |          |
| PART NO.:<br>X2549WV-2x25-PTV01             |      |          |
| DWG NO.:<br>X-X2549WV-2x25-PTV01            |      |          |
| SCALE                                       | PAGE | REVISION |
| N/A                                         | 2/2  | A1       |