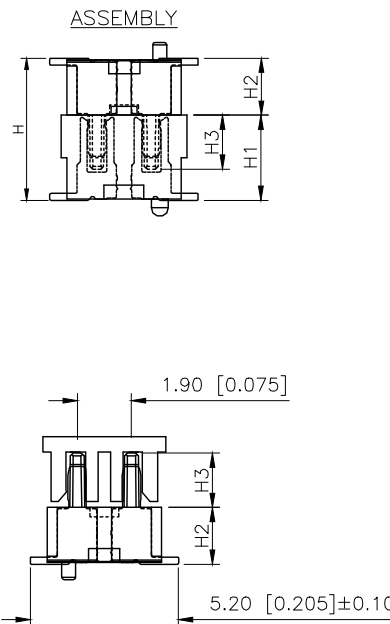
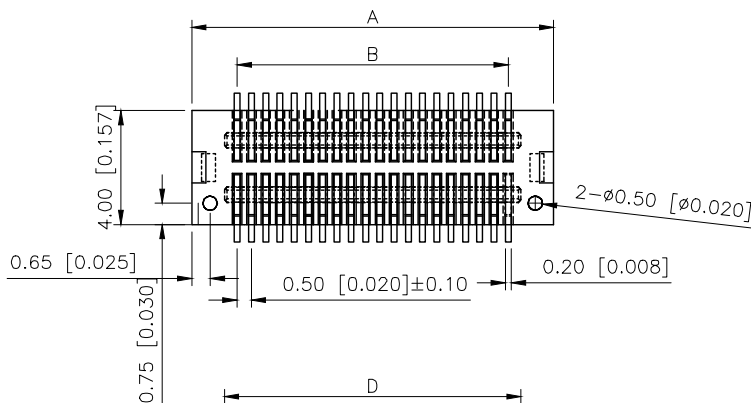
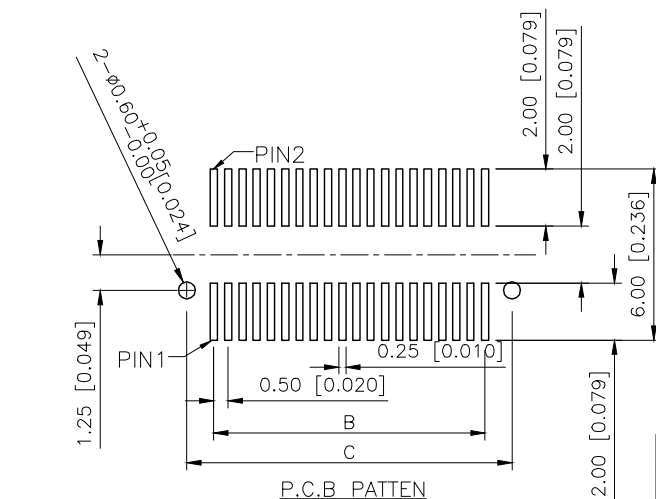
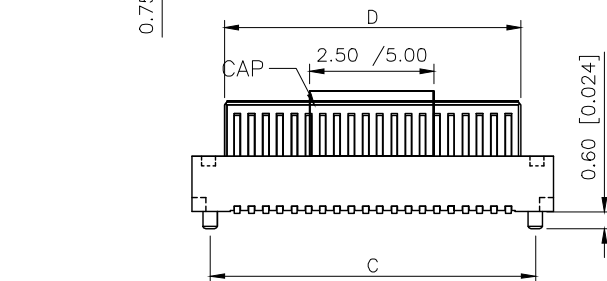


| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | 2024.09.03 |        |
| /         | /       |          | /               | /          | /      |



Electrical:  
Vlotag Rating:50V AC(rms)/DC  
Current Rating:0.5A AC(rms)/DC  
Contact Resistance:50mΩ Max  
Insulation Resistance:100MΩ min  
Dielectric Withstanding Voltage:200V  
AC r.m.s  
Operting Temperature:-40 ~+85  
Materirls  
Housing:High Temperature Plastic  
UL94V-0  
Terminal:Copper Alloy  
Material:PA9T  
Contact:phosphor Bronae,Gold Plating;



PART NO.:  
X0517 W V S-50 E S-9T V01

Series No  
Category:W-Wafer  
Welding Board Angle:V-Stright 180°  
Welding Way:S-SMT  
Row No.Pin No:XX-Q8~100Pin  
Height:A-H2=0.80  
B-H2=1.00  
C-H2=1.30  
D-H2=2.00  
E-H2=4.00  
Special No:S-With positioning Cumm  
Material:9T-PA9T 94V-0  
Plating:V01-Gold Flash

| PART NO             | Material | Material(Pin)   | Suitable XKB Female |
|---------------------|----------|-----------------|---------------------|
| X0517WVS-50ES-9TV01 | PA9T     | Phosphor Bronze | X0517F              |

| High Photosynthesis (H) | The female seat height (H1) | The male seat height (H2) | Insertion height (H3) |
|-------------------------|-----------------------------|---------------------------|-----------------------|
| 3.00                    | 2.20                        | 0.80                      | 1.60                  |
| 3.50                    | 2.20                        | 1.30                      | 1.60                  |
| 4.00                    | 3.00                        | 1.00                      | 1.90                  |
| 4.50                    | 3.50                        | 1.00                      | 1.90                  |
| 5.00                    | 3.00/4.00                   | 2.00/1.00                 | 1.90                  |
| 5.50                    | 3.50/4.50                   | 2.00/1.00                 | 1.90                  |
| 6.00                    | 4.00                        | 2.00                      | 1.90                  |
| 6.50                    | 4.50                        | 2.00                      | 1.90                  |
| 7.00                    | 3.00                        | 4.00                      | 1.90                  |
| 7.50                    | 3.50                        | 4.00                      | 1.90                  |
| 8.00                    | 4.00                        | 4.00                      | 1.90                  |
| 8.50                    | 4.50                        | 4.00                      | 1.90                  |

| Poles | Dimensions/mm |        |        |        |
|-------|---------------|--------|--------|--------|
|       | A±0.10        | B±0.10 | C±0.10 | D±0.10 |
| 08    | 4.70          | 1.50   | 3.40   | 2.40   |
| 10    | 5.20          | 2.00   | 3.90   | 2.90   |
| 12    | 5.70          | 2.50   | 4.40   | 3.40   |
| 14    | 6.20          | 3.00   | 4.90   | 3.90   |
| 16    | 6.70          | 3.50   | 5.40   | 4.40   |
| 18    | 7.20          | 4.00   | 5.90   | 4.90   |
| 20    | 7.70          | 4.50   | 6.40   | 5.40   |
| 22    | 8.20          | 5.00   | 6.90   | 5.90   |
| 24    | 8.70          | 5.50   | 7.40   | 6.40   |
| 26    | 9.20          | 6.00   | 7.90   | 6.90   |
| 28    | 9.70          | 6.50   | 8.40   | 7.40   |
| 30    | 10.20         | 7.00   | 8.90   | 7.90   |
| 32    | 10.70         | 7.50   | 9.40   | 8.40   |
| 34    | 11.20         | 8.00   | 9.90   | 8.90   |
| 36    | 11.70         | 8.50   | 10.40  | 9.40   |
| 40    | 12.70         | 9.50   | 11.40  | 10.40  |
| 42    | 13.20         | 10.00  | 11.90  | 10.90  |
| 44    | 13.70         | 10.50  | 12.40  | 11.40  |
| 46    | 14.20         | 11.00  | 12.90  | 11.90  |
| 48    | 14.70         | 11.50  | 13.40  | 12.40  |
| 50    | 15.20         | 12.00  | 13.90  | 12.90  |
| 52    | 15.70         | 12.50  | 14.40  | 13.40  |
| 60    | 17.70         | 14.50  | 16.40  | 15.40  |
| 70    | 20.20         | 17.00  | 18.90  | 17.90  |
| 80    | 22.70         | 19.50  | 21.40  | 20.40  |
| 100   | 27.70         | 24.50  | 26.40  | 25.40  |

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



|          |             |                                            |
|----------|-------------|--------------------------------------------|
| DESIGN   | VIEW:       | MODEL TYPE:<br>0.50mm BTB Style Connectors |
| CHECKED  | UNIT: mm/in | PART NO.:<br>X0517WVS-50ES-9TV01           |
| APPROVED | SIZE: A4    | DWG NO.:                                   |