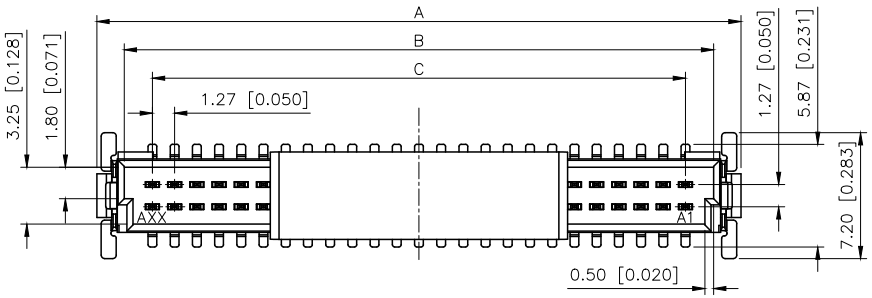
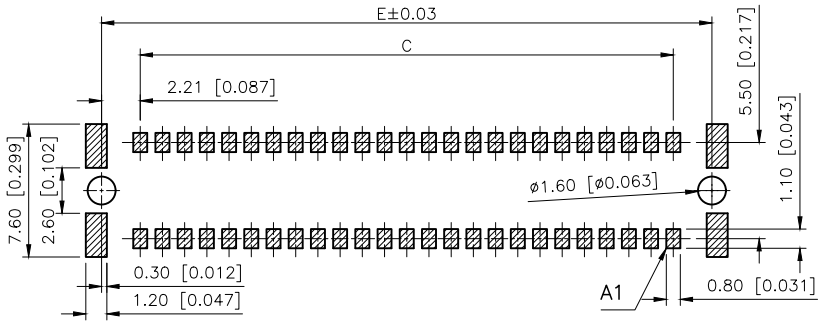
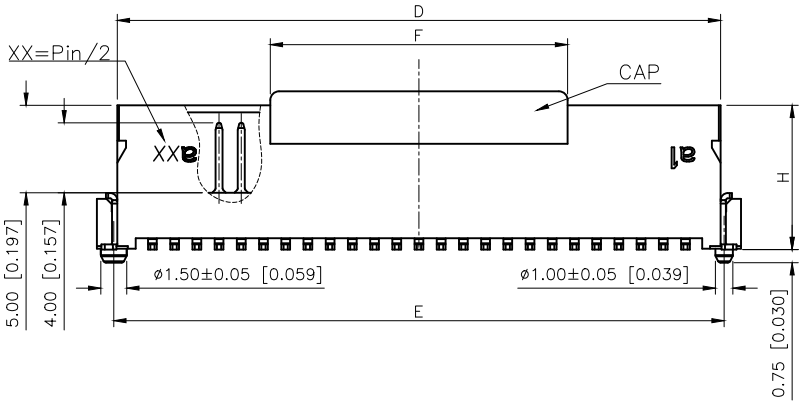
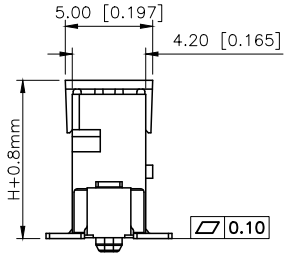
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| REV. | ECN NO. | LOCATION | DESCRIPTION | DATE | DESIGN |
| A0 | N/A | | INITIAL RELEASE | 2024.12.31 | 桑 甚 |
| | | | | | |




RECOMMENDED PCB LAYOUT(TOLERANCE:±0.05)



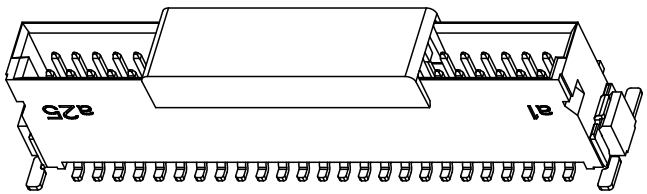




| X1272WVS-40AS-LPV01 | LCP | Copper Alloy | X1272F |
|---|---|---|---|
| PART NO | Material | Material(Pin) | Suitable XKB Female |

PART NO.:

X1272 W V S-40 A S-LP V01
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①Series No
②Category:W-Wafer
③Welding Board Angle:V-Stright 180°
④Welding Way:S-SMT
⑤Row No.Pin No:XX-12~80Pin
⑥Height:A-H=6.75mm
B-H=8.25mm
C-H=9.85mm
⑦Special No:S-With positioning Columm
⑧Material:LP-LCP 94V-0;Black Color;
⑨Plating:V01-Gold Flash;V03-3u"Au Plated;
V05-5u"Au Plated;V10-10u"Au Plated;
V15-15u"Au Plated;V30-30u"Au Plated;




3D VIEW

Electrical:
Current Rating:1.7A Max;
Contact Resistance:25mΩ Max;
Insulation Resistance:1000MΩ min;
Withstanding Voltage:500V AC/Minute;
Durability: 500 Cycles;
Operting Temperature:-55 ~+125
Materirls
Housing:LCP UL94V-0,Black Color;
Terminal:Copper Alloy;Gold Plated In Contact Area,
100u"Min.Tin Plated In Solder Area,
50u"Min.Nickel Underplated Overall.
LATCH:Copper Alloy,100u" MIN.Tin Plated;
50u"Min.Nickel Underplated Overall.

| Stacking height | Wafer height (H) | Female height |
|---|---|---|
| 8.00 | 6.75 | 6.25 |
| 9.50 | 8.25 | 6.25 |
| 10.80 | 6.75 | 9.05 |
| 11.10 | 9.85 | 6.25 |
| 12.30 | 8.25 | 9.05 |
| 13.90 | 9.85 | 9.05 |
| 15.40 | 6.75 | 13.65 |
| 16.90 | 8.25 | 13.65 |
| 18.50 | 9.85 | 13.65 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 80 | 55.88 | 52.75 | 49.53 | 53.55 | 53.95 | 17.0 |
| 68 | 48.26 | 45.13 | 41.91 | 45.93 | 46.33 | |
| 50 | 36.83 | 33.70 | 30.48 | 34.50 | 34.90 | |
| 40 | 30.48 | 27.35 | 24.13 | 28.15 | 28.55 | |
| 32 | 25.40 | 22.27 | 19.05 | 23.07 | 23.47 | |
| 26 | 21.59 | 18.46 | 15.24 | 19.26 | 19.66 | |
| 20 | 17.78 | 14.65 | 11.43 | 15.45 | 15.85 | 5.6 |
| 16 | 15.24 | 12.11 | 8.89 | 12.91 | 13.31 | |
| 12 | 12.70 | 9.57 | 6.35 | 10.37 | 10.77 | |
| NO.of Pins | A | B | C | D | E | F |

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

XKB 星标 Connection

| | | | |
|---|---|---|---|
| DESIGN | 桑 甚 | VIEW: | MODEL TYPE: 1.27mm BTB Style Connectors |
| CHECKED | | UNIT: mm/in | PART NO.: X1272WVS-40AS-LPV01 |
| APPROVED | | SIZE: A4 | DWG NO.: X-X1272WVS-40AS-LPV01 |

XKB INDUSTRIAL PRECISION CO.,LIMITED

| SCALE | PAGE | REVISION |
|---|---|---|
| N/A | 1/1 | A0 |