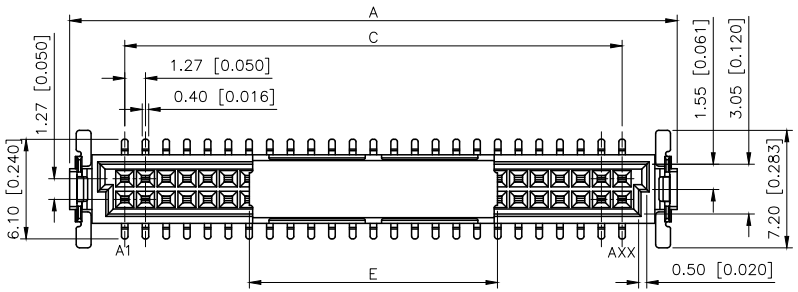
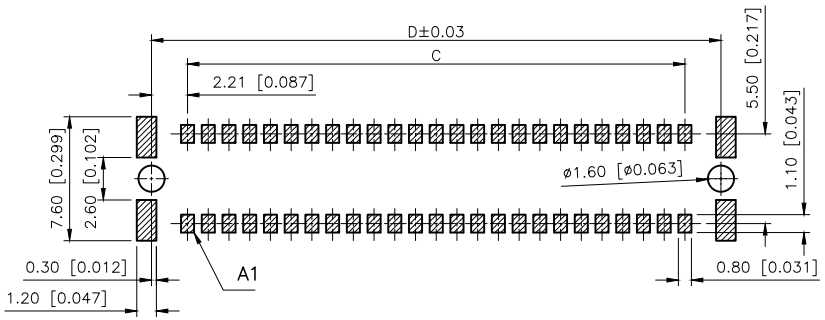
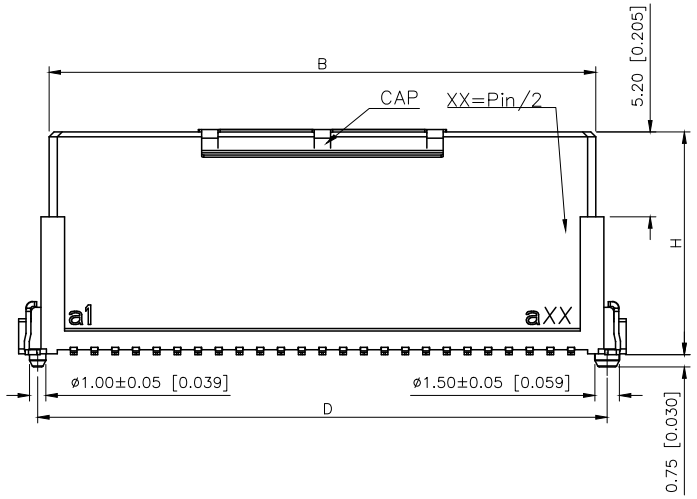
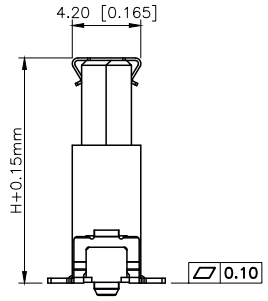
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2024.12.31	桑 甚
/	N/A		/	/	/





RECOMMENDED PCB LAYOUT(TOLERANCE: ±0.05)





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.

PART NO.:

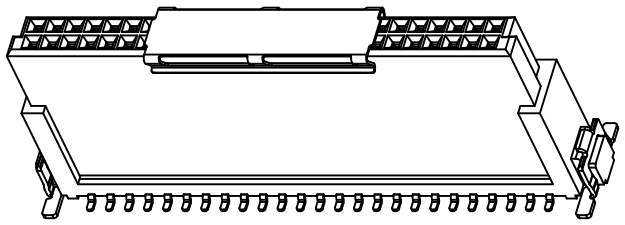
X1272 F V S−40 C S−LP V01
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①Series No
②Category:F−Female
③Welding Board Angle:V−Stright 180°
④Welding Way:S−SMT
⑤Row No.Pin No:XX−12~80Pin
⑥Height:C−H=13.65mm
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;

X1272FVS−40CS−LPV01	LCP	Copper Alloy	X1272W
PART NO	Material	Material(Pin)	Suitable XKB Wafer

Stacking height	Wafer height	Female height (H)
15.40	6.75	13.65
16.90	8.25	13.65
18.50	9.85	13.65

80	56.28	52.55	49.53	53.95	15.2
68	48.66	44.93	41.91	46.33	
50	37.23	33.50	30.48	34.90	
40	30.88	27.15	24.13	28.55	
32	25.80	22.07	19.05	23.47	
26	21.99	18.26	15.24	19.66	
20	18.18	14.45	11.43	15.85	4.2
16	15.64	11.91	8.89	13.31	
12	13.10	9.37	6.35	10.77	
NO.of Pins	A	B	C	D	E



3D VIEW

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERAuCES	

XKB 星创 Connection

DESIGN	桑 甚	VIEW:	MODEL TYPE: 1.27mm BTB Style Connectors
CHECKED		UNIT: mm/in	PART NO.: X1272FVS−40CS−LPV01
APPROVED		SIZE: A4	DWG NO.: X−X1272FVS−40CS−LPV01

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A0