

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A1	N/A			2025.02.13	
A2	ECN-P-2026040703	Ⓐ2 X1		2026.04.07	

PART NO.:

X0511 F V S-80 B S1-LP V01

Series No
Category:F-Female
Welding Board Angle:V-Stright 180°
Welding Way: S-SMT
Row No.Pin No:XX-10-80P
Height:B=1.85mm Ⓐ2
Special No:S1-With positioning Columnm
Material:LP-LCP UL94V-0
Plating:V01-Gold Flash

- Specifications()
- 1.Voltage rating():DC 60V
 - 2.Current rating():0.5A AC/DC
 - 3.Withstanding voltage():≥ 150V AC/minute
 - 4.Insulation resistance():≥ 1000MΩ Min
 - 5.Contact resistance():≤90mΩ Max
 - 6.Temperature range():-40 ~+125

Poles	A	B	Poles	A	B
8	5.00	1.50	52	16.00	12.50
10	5.50	2.00	54	16.50	13.00
12	6.00	2.50	56	17.00	13.50
14	6.50	3.00	58	17.50	14.00
16	7.00	3.50	60	18.00	14.50
18	7.50	4.00	62	18.50	15.00
20	8.00	4.50	64	19.00	15.50
22	8.50	5.00	66	19.50	16.00
24	9.00	5.50	68	20.00	16.50
26	9.50	6.00	70	20.50	17.00
28	10.00	6.50	72	21.00	17.50
30	10.50	7.00	74	21.50	18.00
32	11.00	7.50	76	22.00	18.50
34	11.50	8.00	78	22.50	19.00
36	12.00	8.50	80	23.00	19.50
38	12.50	9.00	90	25.50	22.00
40	13.00	9.50	100	28.00	24.50
42	13.50	10.00			
44	14.00	10.50			
46	14.50	11.00			
48	15.00	11.50			
50	15.50	12.00			

HIGH	PLUG(H1)	SOCKET(H2)
2.00	1.25	1.85

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



DESIGN	
CHECKED	
APPROVED	

VIEW:

UNIT: mm/in

SIZE: A4

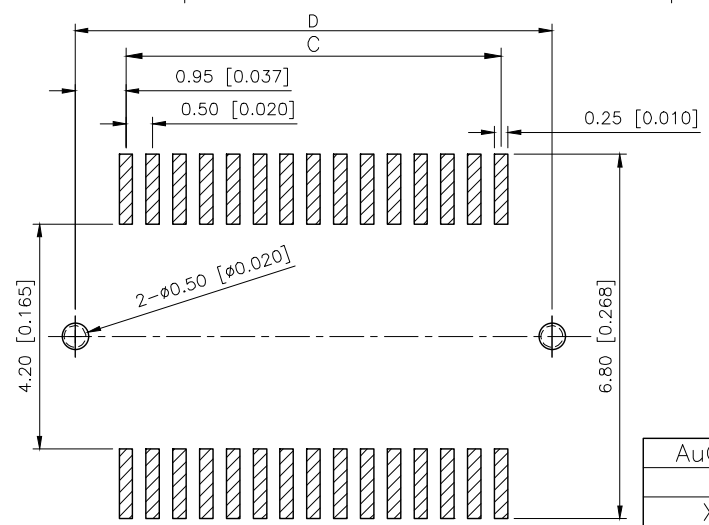
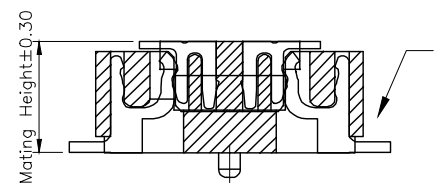
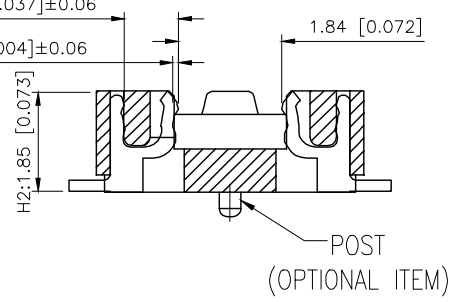
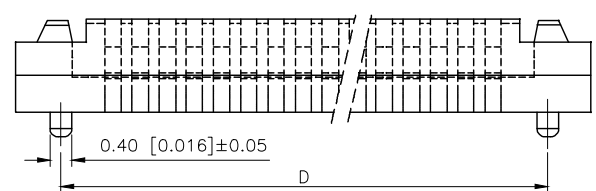
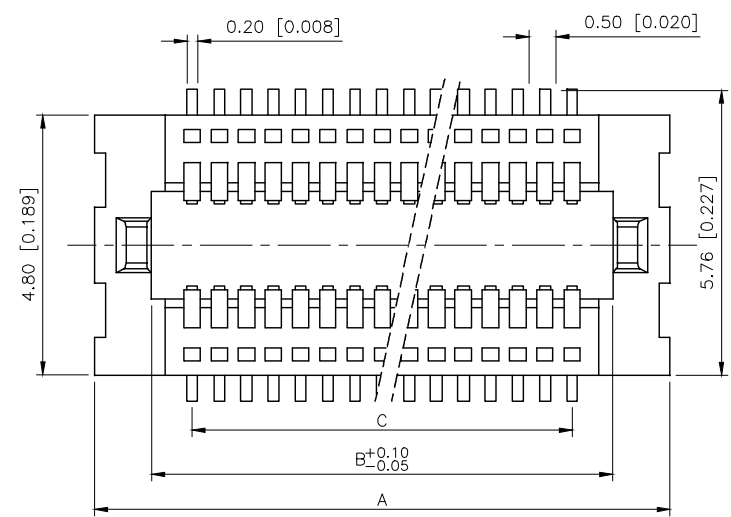
MODEL TYPE:
0.5mm BTB Style Connector

PART NO.:
X0511FVS-80BS1-LPV01

DWG NO.:

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A2



Recommended PCB Pattern

Tolerance:±0.05