

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A1	N/A		图面升级整理图面	2025.09.12	阿树
A2	ECN-P-2026040702	②X2	产品外观及尺寸变更	2026.04.07	阿树

PART NO.:

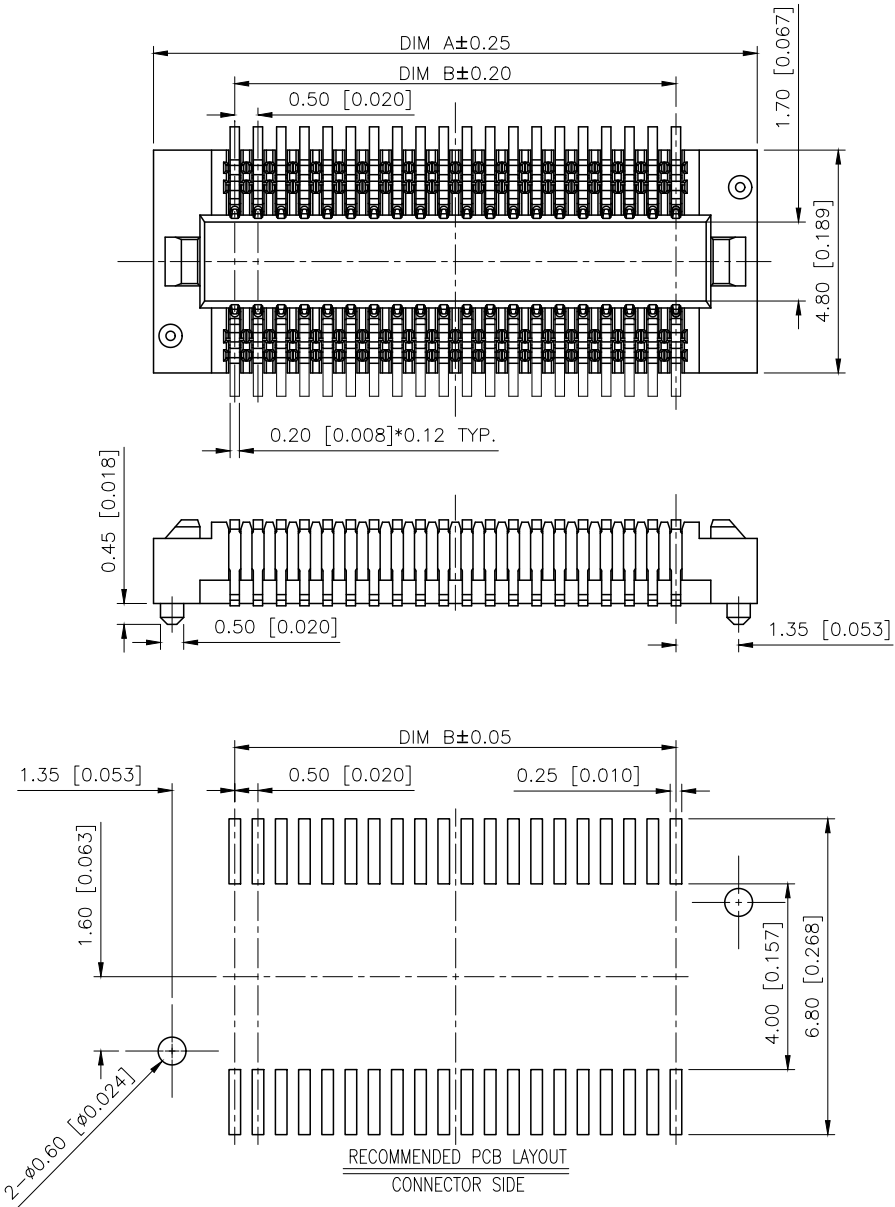
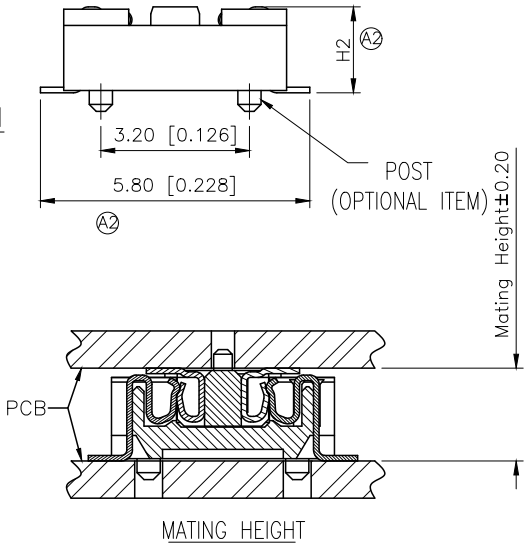
X0511 F V S-80 A -LP V01
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ①Series No
②Category:F-Female
③Welding Board Angle:V-Stright 180°
④Welding Way: S-SMT
⑤Row No.Pin No:XX-10-80P
⑥Height:A=1.35mm ;B:1.85mm
⑦Material:LP-LCP UL94V-0
⑧Plating:V01-Gold Flash

- Specifications (规格):
1.Voltage rating (额定电压):DC 60V
2.Current rating (额定电流):0.5A AC/DC
3.Withstanding voltage (耐压值):≥150V AC/minute
4.Insulation resistance (绝缘电阻):≥1000MΩ Min
5.Contact resistance (接触电阻):≤90mΩ Max
6.Temperature range (使用温度):-40℃~+125℃

Mating Height	PLUG(H1)	SOCKET(H2)
1.50	1.25	1.35
2.00	1.25	1.85
2.50	1.75	1.85

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			



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



X0511FVS-80A-LPV01	LCP	Phosphor Bronze	X0511W
PART NO	Material	Material(Pin)	Suitable XKB Wafer
DESIGN	阿树	VIEW:	MODEL TYPE: 0.5mm BTB Style Connector
CHECKED		UNIT: mm/in	PART NO.: X0511FVS-80A-LPV01
APPROVED		SIZE: A4	DWG NO.: