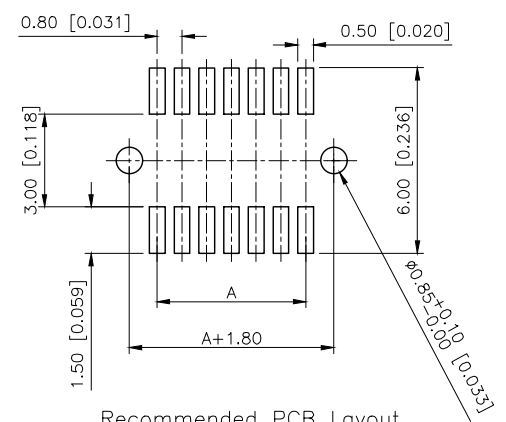
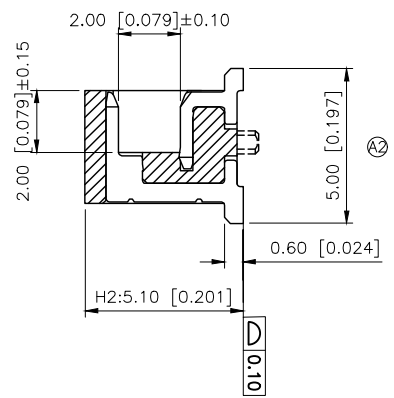
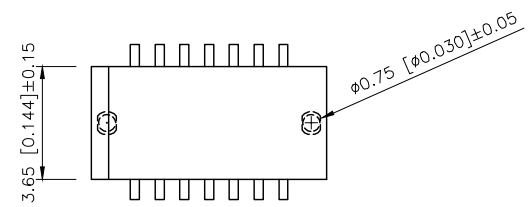
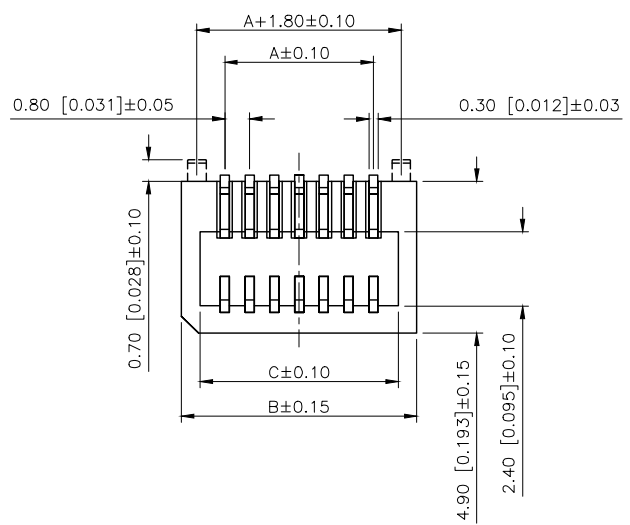


REVISIONS				
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE
A1	N/A			2025.3.19
A2	ECN-P-2026032701	(A2)X1		2026.3.27



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Specifications()
1.Voltage rating():30V AC DC
2.Current rating():0.5A AC/DC
3.Withstanding voltage():≥500V AC/minute
4.Insulation resistance():100MΩ Min
5.Contact resistance():30mΩ Max
6.Temperature range():-40 ~+125
Material()
1.Pin material Copper Alloy
2.Finished **Gold plated**
3.Housing material LCP UL94V-0
4.Housing color Nature

PART NO.:
X0801 F R S-40 A S-LP V01

Series No
Category:F-Female
Welding Board Angle:R-Stright 90°
Welding Way: S-SMT
Row No.Pin No:XX-04-100P
Height(H2):A=5.10mm;
Special No:S-With positioning Column
Material:LP-LCP UL 94V-0
Plating:V01-Gold Flash

No. of contacts	Dimensions		
	A.	B.	C.
04	0.80	3.60	2.40
06	1.60	4.40	3.20
08	2.40	5.20	4.00
10	3.20	6.00	4.80
12	4.00	6.80	5.60
14	4.80	7.60	6.40
16	5.60	8.40	7.20
18	6.40	9.20	8.00
20	7.20	10.00	8.80
22	8.00	10.80	9.60
24	8.80	11.60	10.40
26	9.60	12.40	11.20
28	10.40	13.20	12.00
30	11.20	14.00	12.80
32	12.00	14.80	13.60
34	12.80	15.60	14.40
36	13.60	16.40	15.20
38	14.40	17.20	16.00
40	15.20	18.00	16.80
42	16.00	18.80	17.60
44	16.80	19.60	18.40
46	17.60	20.40	19.20
48	18.40	21.20	20.00
50	19.20	22.00	20.80
52	20.00	22.80	21.60
54	20.80	23.60	22.40
56	21.60	24.40	23.20
58	22.40	25.20	24.00
60	23.20	26.00	24.80
62	24.00	26.80	25.60
64	24.80	27.60	26.40
66	25.60	28.40	27.20
68	26.40	29.20	28.00
70	27.20	30.00	28.80
72	28.00	30.80	29.60
74	28.80	31.60	30.40
76	29.60	32.40	31.20
78	30.40	33.20	32.00
80	31.20	34.00	32.80
82	32.00	34.80	33.60
84	32.80	35.60	34.40
86	33.60	36.40	35.20
88	34.40	37.20	36.00
90	35.20	38.00	36.80
92	36.00	38.80	37.60
94	36.80	39.60	38.40
96	37.60	40.40	39.20
98	38.40	41.20	40.00
100	39.20	42.00	40.80

MATING HEIGHT	PLUG(H1)	SOCKET(H2)
5.20	3.55	5.10
X0801FRS-40AS-LPV01	LCP UL 94V-0	Copper Alloy
PART NO.	MATERIAL	MATERIAL(PIN)
		Gold plated
		X0801W
		Suitable XKB Female

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



DESIGN	VIEW:
CHECKED	UNIT: mm/in
APPROVED	SIZE: A4

MODEL TYPE: 0.8mm BTB Style Connector
PART NO.: X0801FRS-40AS-LPV01
DWG NO.: