

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	12/21'22	Kyle

ORDERING INFORMATION

FBY0520 - XX (21R)

① PRODUCT SERIES

ZIF FPC/FFC Connector
Pitch 0.50mm/Height 2.0mm
Back Flip/Double Contact/SMD Type

② NUMBER OF CONTACTS:

SEE DIM. TABLE

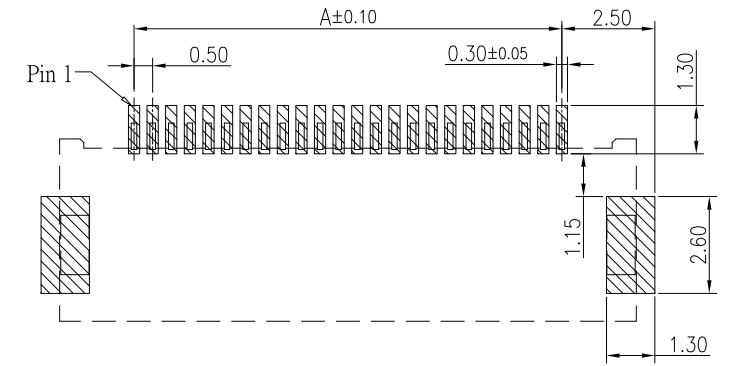
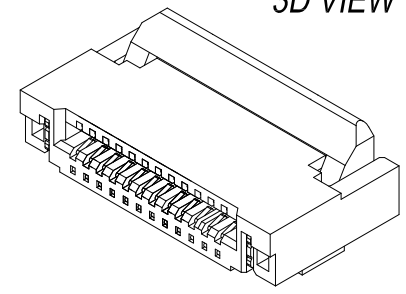
CUSTOMER DRAWING

RoHS Compliant

③ PLATING

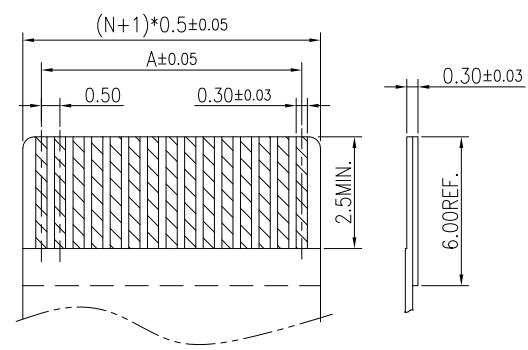
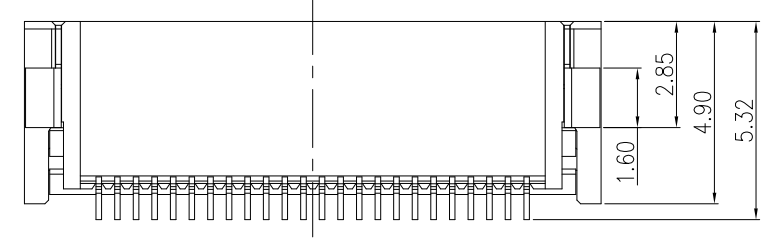
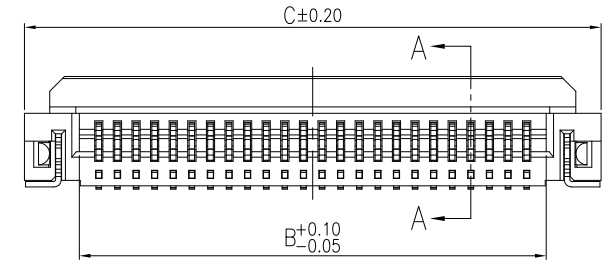
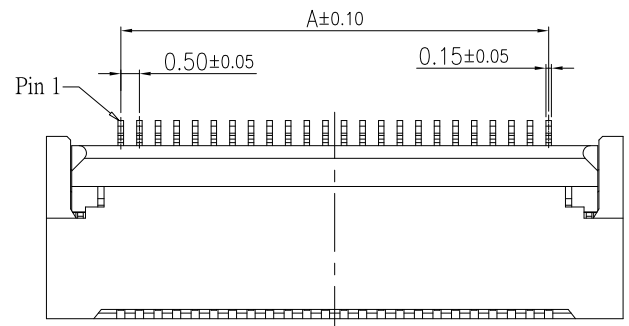
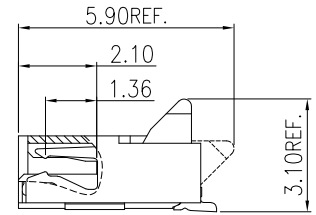
21: GOLD FLASH

3D VIEW



RECOMMEND PCB LAYOUT
GENERAL TOLERANCE: ±0.05

SECTION A-A



RECOMMENDED FPC/FFC DIMENSION

PIN NO.	DIMENSION		
	A	B	C
04	1.50	2.55	5.50
05	2.00	3.05	6.00
06	2.50	3.55	6.50
07	3.00	4.05	7.00
08	3.50	4.55	7.50
09	4.00	5.05	8.00
10	4.50	5.55	8.50
11	5.00	6.05	9.00
12	5.50	6.55	9.50
13	6.00	7.05	10.00
14	6.50	7.55	10.50
15	7.00	8.05	11.00
16	7.50	8.55	11.50
17	8.00	9.05	12.00
18	8.50	9.55	12.50
19	9.00	10.05	13.00
20	9.50	10.55	13.50
21	10.00	11.05	14.00
22	10.50	11.55	14.50
23	11.00	12.05	15.00
24	11.50	12.55	15.50
25	12.00	13.05	16.00
26	12.50	13.55	16.50
27	13.00	14.05	17.00
28	13.50	14.55	17.50
29	14.00	15.05	18.00
30	14.50	15.55	18.50
31	15.00	16.05	19.00
32	15.50	16.55	19.50

PIN NO.	DIMENSION		
	A	B	C
33	16.00	17.05	20.00
34	16.50	17.55	20.50
35	17.00	18.05	21.00
36	17.50	18.55	21.50
37	18.00	19.05	22.00
38	18.50	19.55	22.50
39	19.00	20.05	23.00
40	19.50	20.55	23.50
41	20.00	21.05	24.00
42	20.50	21.55	24.50
43	21.00	22.05	25.00
44	21.50	22.55	25.50
45	22.00	23.05	26.00
46	22.50	23.55	26.50
47	23.00	24.05	27.00
48	23.50	24.55	27.50
49	24.00	25.05	28.00
50	24.50	25.55	28.50
51	25.00	26.05	29.00
52	25.50	26.55	29.50
53	26.00	27.05	30.00
54	26.50	27.55	30.50
55	27.00	28.05	31.00
56	27.50	28.55	31.50
57	28.00	29.05	32.00
58	28.50	29.55	32.50
59	29.00	30.05	33.00
60	29.50	30.55	33.50

DIM	TOL
X	±0.40
X.X	±0.30
X.XX	±0.20
X.XXX	±0.10

Note:

1. Material

- 1.1: Housing: High-Temp., UL94V-0.
- 1.2: Actuator: High-Temp., UL94V-0.
- 1.3: Contact: Copper Alloy.
- 1.4: Fitting Nail: Copper Alloy.

2. Plating

- 2.1: Contact: Gold plated over Nickel on contact area.
Tin plated over Nickel on solder area.
- 2.2: Fitting Nail: Tin over Nickel under-plated overall.

SUNFUN		SUNFUN TECHNOLOGY LTD			
DRAW NO.	FBY0520(A0)	DATE	12/21'22	MATERIAL: SEE NOTES	DRAW NAME: ZIF FPC/FFC Connector Pitch 0.50mm/Height 2.0mm Back Flip/Double Contact/SMD Type
DESIGN:	Kyle	12/21'22	FINISH: SEE NOTES	FILE: FBY0520(A0)	MODEL: P0.50 FPC CONN
CHECK:	Kyle	12/21'22	P/N: FBY0520-XX(21R)	UNIT: mm	SHEET: 1/1
REVIEW:	Jim	12/21'22	REV. A0	SCALE	
APPROVED	Jim	12/21'22			