

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			New Release	03/10'22	Jim

ORDERING INFORMATION

FHY0510-XX(21R)

① ② ③

① PRODUCT SERIES:

ZIF FPC/FFC Connector
Pitch 0.5mm/ 1.0mm Height/ Front-Flip
SMT TYPE

② NUMBER OF CONTACTS:

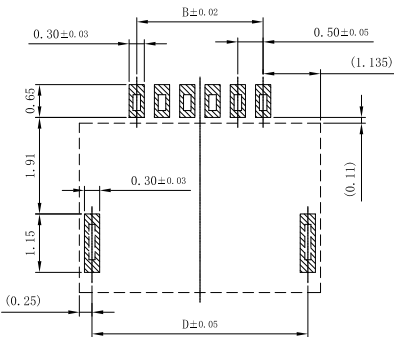
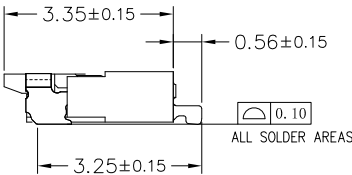
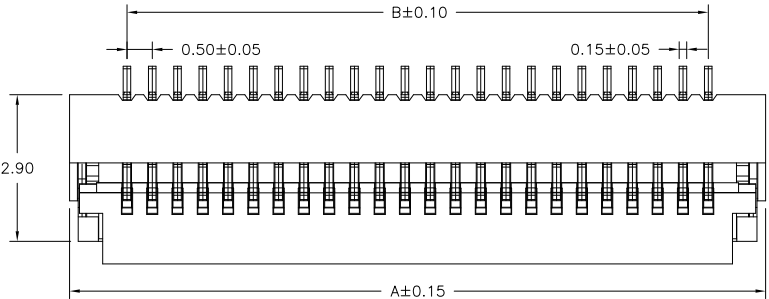
SEE DIM. TABLE

CUSTOMER DRAWING

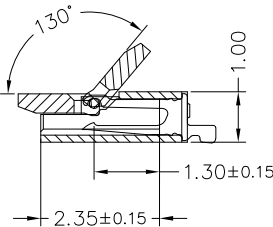
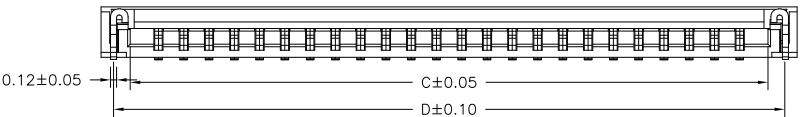
RoHS Compliant

③ PLATING :

21: Gold Flash

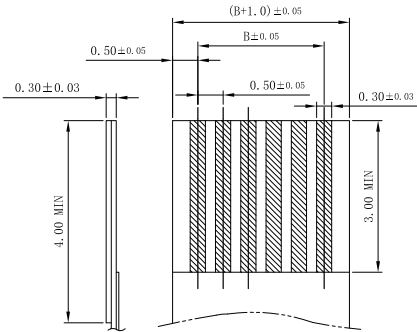


RECOMMEND PCB LAYOUT
GENERAL TOLERANCE: ±0.05



DIMENSION TABLE:

PIN NO.	DIM. A	DIM. B	DIM. C	DIM. D	PIN NO.	DIM. A	DIM. B	DIM. C	DIM. D
04	3.77	1.50	2.60	3.27	23	13.27	11.50	12.10	12.77
05	4.27	2.00	3.10	3.77	24	13.77	11.50	12.60	13.27
06	4.77	2.50	3.60	4.27	25	14.27	12.00	13.10	13.77
07	5.27	3.00	4.10	4.77	26	14.77	12.50	13.60	14.27
08	5.77	3.50	4.60	5.27	27	15.27	13.00	14.10	14.77
09	6.27	4.00	5.10	5.77	28	15.77	13.50	14.60	15.27
10	6.77	4.50	5.60	6.27	29	16.27	14.00	15.10	15.77
11	7.27	5.00	6.10	6.77	30	16.77	14.50	15.60	16.27
12	7.77	5.50	6.60	7.27	31	17.27	15.00	16.10	16.77
13	8.27	6.00	7.10	7.77	32	17.77	15.50	16.60	17.27
14	8.77	6.50	7.60	8.27	33	18.27	16.00	17.10	17.77
15	9.27	7.00	8.10	8.77	34	18.77	16.50	17.60	18.27
16	9.77	7.50	8.60	9.27	35	19.27	17.00	18.10	18.77
17	10.27	8.00	9.10	9.77	36	19.77	17.50	18.60	19.27
18	10.77	8.50	9.60	10.27	37	20.27	18.00	19.10	19.77
19	11.27	9.00	10.10	10.77	38	20.77	18.50	19.60	20.27
20	11.77	9.50	10.60	11.27	39	21.27	19.00	20.10	20.77
21	12.27	10.00	11.10	11.77	40	21.77	19.50	20.60	21.27
22	12.77	10.50	11.60	12.27	n	n±0.5+1.77	(n-1)±0.5	n±0.5+0.6	n±0.5+1.27



RECOMMENDED FPC/FFC DIMENSION

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

Notes:

1.Material

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

2.Plating

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

SUNFUN

SUNFUN TECHNOLOGY LTD

DRAW NO.	FHY0510(A0)	DATE	MATERIAL: SEE NOTES	DRAW NAME:
DESIGN:	Jim	03/10'22	FINISH: SEE NOTES	ZIF FPC/FFC Connector
CHECK:	Jim	03/10'22	FILE: FHY0510(A0)	Pitch 0.5mm/ 1.0H/ Front-Flip
REVIEW:	Kyle	03/10'22	P/N: FHY0510-XX(21R)	SMT TYPE
APPROVED	Kyle	03/10'22	REV. A0 SCALE	MODEL: P0.5 FPC CONN
				UNIT: mm SHEET: 1/1