

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	12/01'22	Derek

ORDERING INFORMATION

FHD0520-XX (XX R)

① ② ③ ④

① PRODUCT SERIES:

ZIF FPC/FFC Connector
Pitch 0.50mm/Height 2.0mm
Front Flip/Sub contact/SMD Type

② NUMBER OF CONTACTS:

SEE DIM. TABLE

CUSTOMER DRAWING

RoHS Compliant

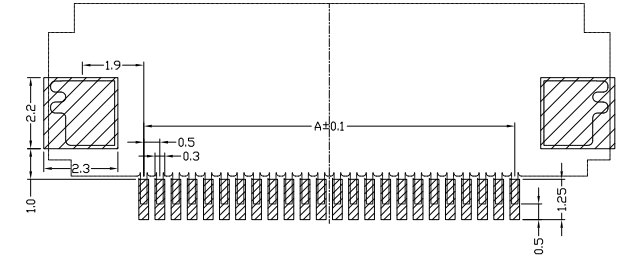
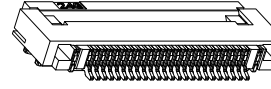
③ PLATING:

00: TIN PLATING.
01: GOLD PLATING.

④ PACKING:

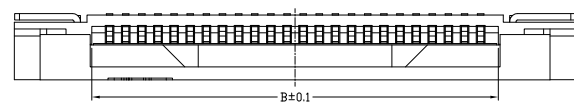
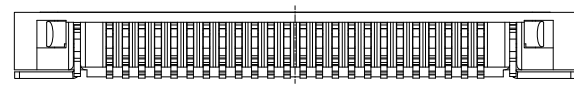
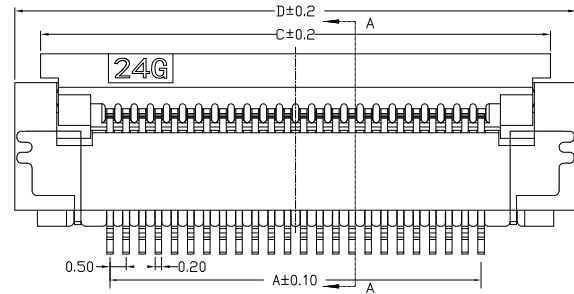
R : Reel.

3D VIEW



RECOMMEND PCB LAYOUT

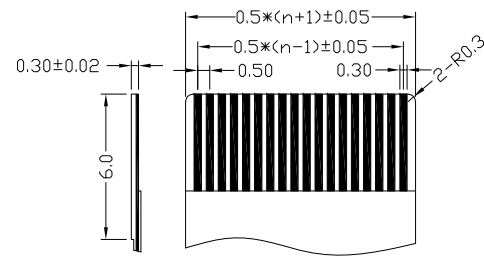
GENERAL TOLERANCE: ±0.05



DIMENSION TABLE:

PIN NO.	DIM A	DIM B	DIM C	DIM D
04	1.50	2.60	5.80	7.40
05	2.00	3.10	6.30	7.90
06	2.50	3.60	6.80	8.40
07	3.00	4.10	7.30	8.90
08	3.50	4.60	7.80	9.40
09	4.00	5.10	8.30	9.90
10	4.50	5.60	8.80	10.40
11	5.00	6.10	9.30	10.90
12	5.50	6.60	9.80	11.40
13	6.00	7.10	10.30	11.90
14	6.50	7.60	10.80	12.40
15	7.00	8.10	11.30	12.90
16	7.50	8.60	11.80	13.40
17	8.00	9.10	12.30	13.90
18	8.50	9.60	12.80	14.40
19	9.00	10.10	13.30	14.90
20	9.50	10.60	13.80	15.40
21	10.00	11.10	14.30	15.90
22	10.50	11.60	14.80	16.40
23	11.00	12.10	15.30	16.90
24	11.50	12.60	15.80	17.40
25	12.00	13.10	16.30	17.90
26	12.50	13.60	16.80	18.40
27	13.00	14.10	17.30	18.90
28	13.50	14.60	17.80	19.40
29	14.00	15.10	18.30	19.90
30	14.50	15.60	18.80	20.40
31	15.00	16.10	19.30	20.90
32	15.50	16.60	19.80	21.40

PIN NO.	DIM A	DIM B	DIM C	DIM D
33	16.00	17.10	20.30	21.90
34	16.50	17.60	20.80	22.40
35	17.00	18.10	21.30	22.90
36	17.50	18.60	21.80	23.40
37	18.00	19.10	22.30	23.90
38	18.50	19.60	22.80	24.40
39	19.00	20.10	23.30	24.90
40	19.50	20.60	23.80	25.40
41	20.00	21.10	24.30	25.90
42	20.50	21.60	24.80	26.40
43	21.00	22.10	25.30	26.90
44	21.50	22.60	25.80	27.40
45	22.00	23.10	26.30	27.90
46	22.50	23.60	26.80	28.40
47	23.00	24.10	27.30	28.90
48	23.50	24.60	27.80	29.40
49	24.00	25.10	28.30	29.90
50	24.50	25.60	28.80	30.40
51	25.00	26.10	29.30	30.90
52	25.50	26.60	29.80	31.40
53	26.00	27.10	30.30	31.90
54	26.50	27.60	30.80	32.40
55	27.00	28.10	31.30	32.90
56	27.50	28.60	31.80	33.40
57	28.00	29.10	32.30	33.90
58	28.50	29.60	32.80	34.40
59	29.00	30.10	33.30	34.90
60	29.50	30.60	33.80	35.40



RECOMMENDED FPC/FFC DIMENSION

Note:

1.Material

- 1.1: Housing: High Temperature plastic,UL94V-0.
- 1.2: Actuator: High Temperature plastic,UL94V-0.
- 1.3: Contact: Copper Alloy.
- 1.4: Fit: Copper Alloy.

2.Plating

- 2.1: Contact: Tin or Gold plated over Nickel on contact area.
Tin or Gold over Nickel on solder area.
- 2.2: Fit: Tin plated over Nickel.

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DRAW NO.	FHD0520(A0)	DATE	MATERIAL: SEE NOTES	DRAW NAME:	
DESIGN:	Derek	12/01'22	FINISH: SEE NOTES	ZIF FPC/FFC Connector	
CHECK:	Derek	12/01'22	FILE: FHD0520(A0)	Pitch 0.50mm/Height 2.0mm/	
REVIEW:	Eric	12/01'22	P/N: FHD0520-XX(XXR)	Front Flip/Sub contact/SMD Type	
APPROVED	Eric	12/01'22	REV. A0	SCALE	MODEL: P0.50 FPC CONN
				UNIT: mm	SHEET: 1/1