

REV.	ECN	NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A1				MODIFY DIMENSION TABLE	08/31'23	Jim

3D VIEW

ORDERING INFORMATION

FDU0520Y - XX (XX R)

① ② ③

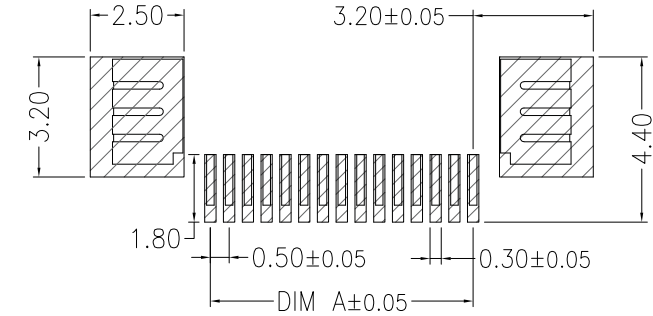
CUSTOMER DRAWING

RoHS Compliant

① FPC/FFC CONN— Drawer type
Pitch 0.5mm / Height 2.0mm
Top contact / SMT Type.

② See DIM. Table

③ 11 : Tin plated
21 : Gold plated



RECOMMENDED P.C.B LAYOUT
GENERAL TOLERANCE: ±0.05

Note:

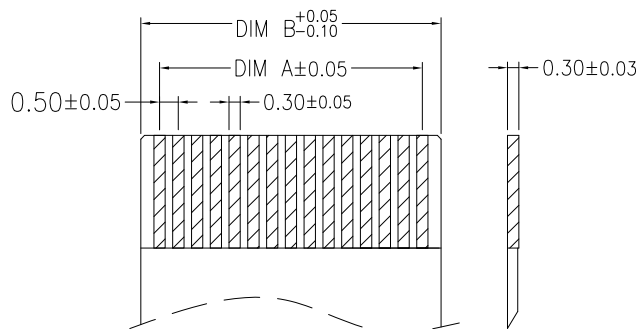
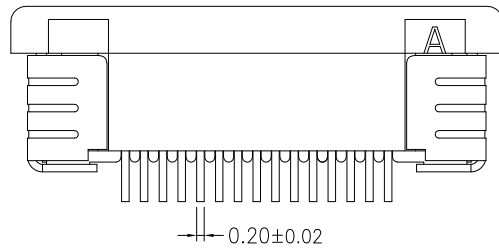
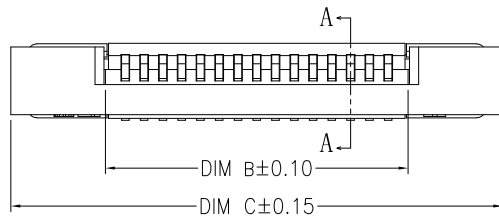
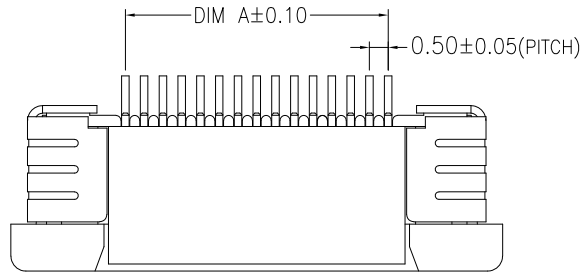
1.Material

- 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 on contact area.
Tin or Gold plated on solder area.
Nickel under-plated overall.
- 2.2: Fit: Tin over Nickel under-plated overall.

SUNFUN		SUNFUN TECHNOLOGY LTD				
DRAW NO.	FDU0520Y(A1)	DATE	MATERIAL: SEE NOTES		DRAW NAME:	
DESIGN:	Jim	08/31'23	FINISH: SEE NOTES		FPC CONN— Drawer type Pitch 0.5mm / Height 2.0mm Top contact / SMT Type.	
CHECK:	Jim	08/31'23	FILE: FDU0520Y(A1)		MODEL: P0.5 FPC CONN	
REVIEW:	Kyle	08/31'23	P/N: FDU0520Y-XX(XXR)		UNIT:	SHEET:
APPROVED	Kyle	08/31'23	REV. A1	SCALE	mm	1/1



RECOMMENDED FPC/FFC DIMENSION

DIMENSION TABLE.

PIN NO.	A	B	C	D
04	1.50	2.56	7.60	
05	2.00	3.06	8.10	
06	2.50	3.56	8.60	
07	3.00	4.06	9.10	
08	3.50	4.56	9.60	
09	4.00	5.06	10.10	
10	4.50	5.56	10.60	
11	5.00	6.06	11.10	
12	5.50	6.56	11.60	
13	6.00	7.06	12.10	
14	6.50	7.56	12.60	
15	7.00	8.06	13.10	
16	7.50	8.56	13.60	
17	8.00	9.06	14.10	
18	8.50	9.56	14.60	
19	9.00	10.06	15.10	
20	9.50	10.56	15.60	
21	10.00	11.06	16.10	
22	10.50	11.56	16.60	
23	11.00	12.06	17.10	
24	11.50	12.56	17.60	
25	12.00	13.06	18.10	
26	12.50	13.56	18.60	
27	13.00	14.06	19.10	
28	13.50	14.56	19.60	
29	14.00	15.06	20.10	
30	14.50	15.56	20.60	
31	15.00	16.06	21.10	
32	15.50	16.56	21.60	

DIM	TOL
X	±0.25
X.X	±0.20
X.XX	±0.10
X.XXX	±0.05