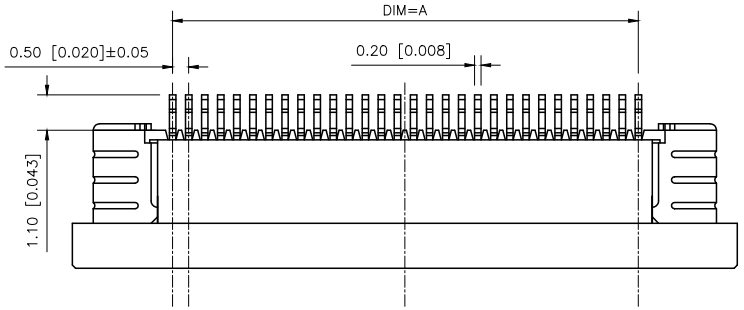
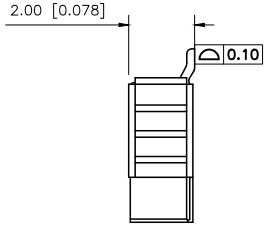
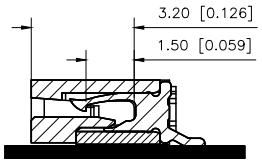
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.04.17	阿树

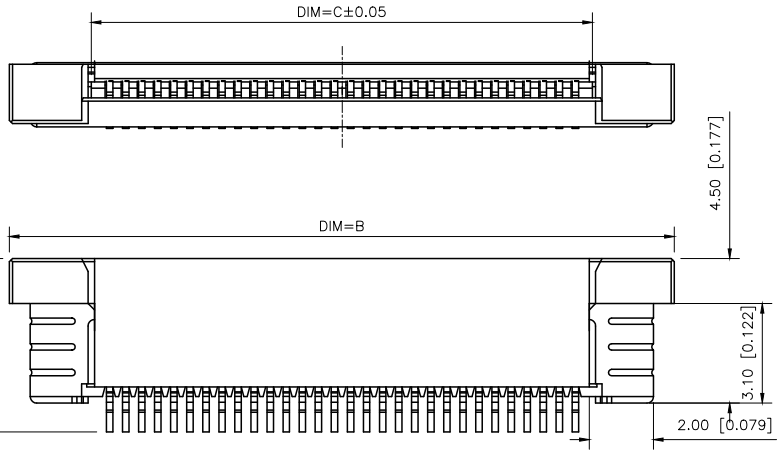


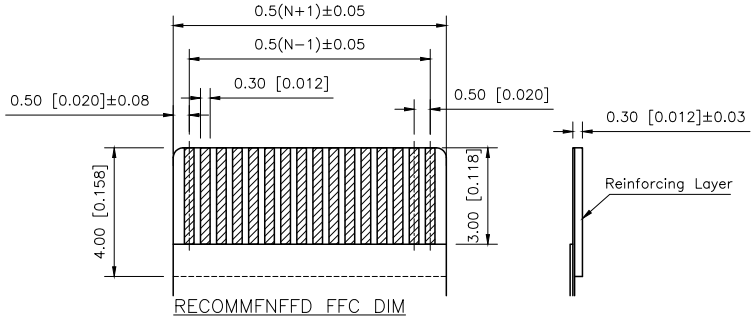




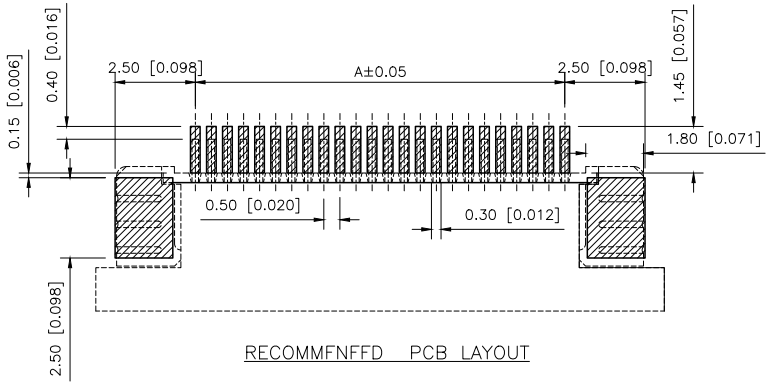
上接触 Up Contact

■SPECIFICATIONS
- Voltage rating:50V AC/DC
- Current rating:0.4A AC/DC
- Withstanding Voltage:500V AC/minute
- Temperature range:−45°C~+125°C
- Insulation resistance:≥500MΩ
- Contact resistance:≤20mΩ





RECOMMFNFFD FFC DIM



RECOMMFNFFD PCB LAYOUT

PART NO.:

X05B20 U XX G
① ② ③ ④

①Series Name:X05B20=0.5mm Pitch(H=2.0mm)
②Assembly style :L:Low Contact SMT Type
U:Upper Contact SMT Type
D:Double−Face Contact SMT Type
H:Back−flip Double−Face Contact SMT
③Number of terminals :XX=04−57PIN
④Plating : G:Gold Flash Over Nickel

Poles	Dimension mm			Poles	Dimension mm		
	A	B	C		A	B	C
4	1.50	7.70	2.60	31	15.00	21.20	16.10
5	2.00	8.20	3.10	32	15.50	21.70	16.60
6	2.50	8.70	3.60	33	16.00	22.20	17.10
7	3.00	9.20	4.10	34	16.50	22.70	17.60
8	3.50	9.70	4.60	35	17.00	23.20	18.10
9	4.00	10.20	5.10	36	17.50	23.70	18.60
10	4.50	10.70	5.60	37	18.00	24.20	19.10
11	5.00	11.20	6.10	38	18.50	24.70	19.60
12	5.50	11.70	6.60	39	19.00	25.20	20.10
13	6.00	12.20	7.10	40	19.50	25.70	20.60
14	6.50	12.70	7.60	41	20.00	26.20	21.10
15	7.00	13.20	8.10	42	20.50	26.70	21.60
16	7.50	13.70	8.60	43	21.00	27.20	22.10
17	8.00	14.20	9.10	44	21.50	27.70	22.60
18	8.50	14.70	9.60	45	22.00	28.20	23.10
19	9.00	15.20	10.10	46	22.50	28.70	23.60
20	9.50	15.70	10.60	47	23.00	29.20	24.10
21	10.00	16.20	11.10	48	23.50	29.70	24.60
22	10.50	16.70	11.60	49	24.00	30.20	25.10
23	11.00	17.20	12.10	50	24.50	30.70	25.60
24	11.50	17.70	12.60	51	25.00	31.20	26.10
25	12.00	18.20	13.10	52	25.50	31.70	26.60
26	12.50	18.70	13.60	53	26.00	32.20	27.10
27	13.00	19.20	14.10	54	26.50	32.70	27.60
28	13.50	19.70	14.60	55	27.00	33.20	28.10
29	14.00	20.20	15.10	56	27.50	33.70	28.60
30	14.50	20.70	15.60	57	28.00	34.20	29.10

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

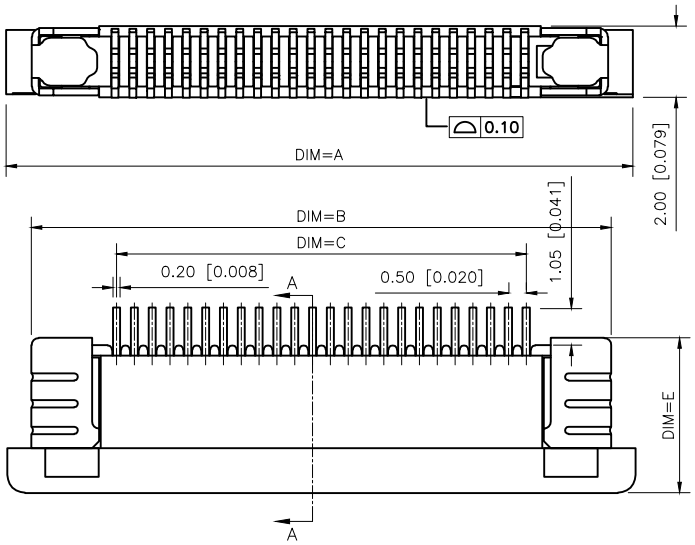
XKB Connection 星坤

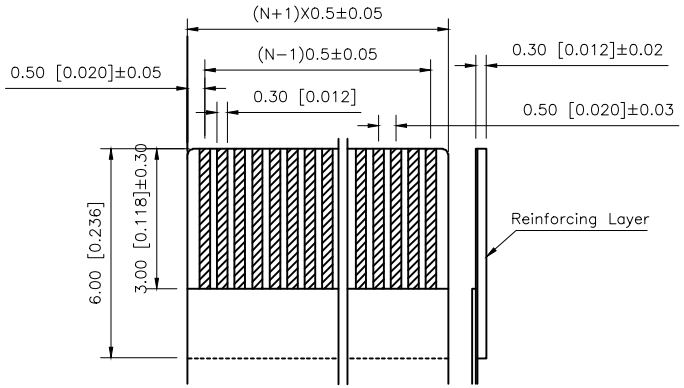
DESIGN	阿树	VIEW:	MODEL TYPE: FPC CONNECTOR
CHECKED		UNIT: mm/in	PART NO.: X05B20UXXG
APPROVED		SIZE: A4	DWG NO.:

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A1

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.04.17	阿树

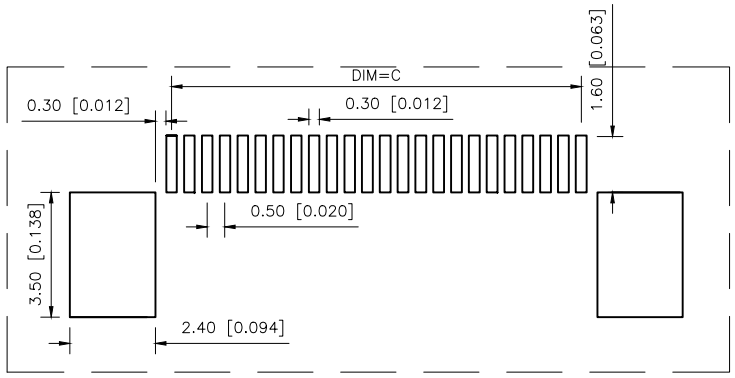




RECOMMFNFFD FFC/FPC DIM

■SPECIFICATIONS
•Withstanding Voltage:500V AC/minute
•Temperature range:-45°C~+125°C
•Insulation resistance:500MΩ Min
•Contact resistance:30mΩ Max

上接触 U:UPPER



RECOMMFNFFD PCB LAYOUT

PART NO.:

X05B20 U XX T
① ② ③ ④

①Series Name:X05B20=0.5mm Pitch(H=2.0mm)
②Assembly style :L:Low Contact SMT Type
U:Upper Contact SMT Type
D:Double-Face Contact SMT Type
H:Back-flip Double-Face Contact SMT
③Number of terminals :XX=04-60PIN
④Plating : T:Tin Over Nickel

Poles	Dimension mm					Poles	Dimension mm				
	A	B	C	D	E		A	B	C	D	E
4	7.60	6.50	1.50	2.60		29	20.10	19.00	14.00	15.10	
5	8.10	7.00	2.00	3.10		30	20.60	19.50	14.50	15.60	
6	8.60	7.50	2.50	3.60		31	21.10	20.00	15.00	16.10	
7	9.10	8.00	3.00	4.10		32	21.60	20.50	15.50	16.60	
8	9.60	8.50	3.50	4.60		33	22.10	21.00	16.00	17.10	4.40
9	10.10	9.00	4.00	5.10		34	22.60	21.50	16.50	17.60	
10	10.60	9.50	4.50	5.60		35	23.10	22.00	17.00	18.10	
11	11.10	10.00	5.00	6.10		36	23.60	22.50	17.50	18.60	
12	11.60	10.50	5.50	6.60		38	24.60	23.50	18.50	19.60	
13	12.10	11.00	6.00	7.10		42	26.60	25.50	20.50	21.60	
14	12.60	11.50	6.50	7.60		44	27.60	26.50	21.50	22.60	
15	13.10	12.00	7.00	8.10		45	28.10	27.00	22.00	23.10	
16	13.60	12.50	7.50	8.60		46	28.60	27.50	22.50	23.60	
17	14.10	13.00	8.00	9.10		47	29.10	28.00	23.00	24.10	
18	14.60	13.50	8.50	9.60		48	29.60	28.50	23.50	24.60	
19	15.10	14.00	9.00	10.10	4.40	49	30.10	29.00	24.00	25.10	
20	15.60	14.50	9.50	10.60		50	30.60	29.50	24.50	25.60	
21	16.10	15.00	10.00	11.10		51	31.10	30.00	25.00	26.10	
22	16.60	15.50	10.50	11.60		52	31.60	30.50	25.50	26.60	
23	17.10	16.00	11.00	12.10		53	32.10	31.00	26.00	27.10	4.90
24	17.60	16.50	11.50	12.60		54	32.60	31.50	26.50	27.60	
25	18.10	17.00	12.00	13.10		55	33.10	32.00	27.00	28.10	
26	18.60	17.50	12.50	13.60		56	33.60	32.50	27.50	28.60	
27	19.10	18.00	13.00	14.10		57	34.10	33.00	28.00	29.10	
28	19.60	18.50	13.50	14.60		60	35.60	34.50	29.50	30.60	

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

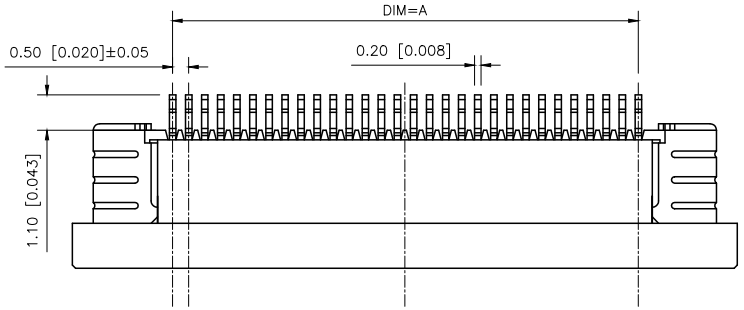
XKB Connection 星坤

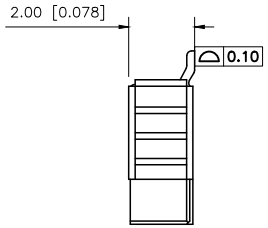
DESIGN	阿树	VIEW:	MODEL TYPE: FPC CONNECTOR
CHECKED		UNIT: mm/in	PART NO.: X05B20UXXT
APPROVED		SIZE: A4	DWG NO.:

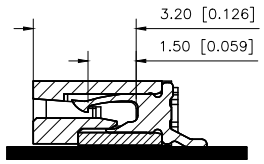
XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/2	A1

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.04.17	阿树

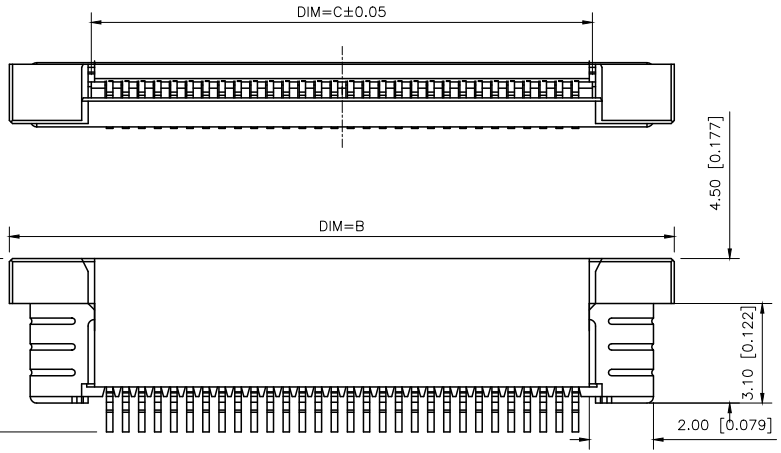


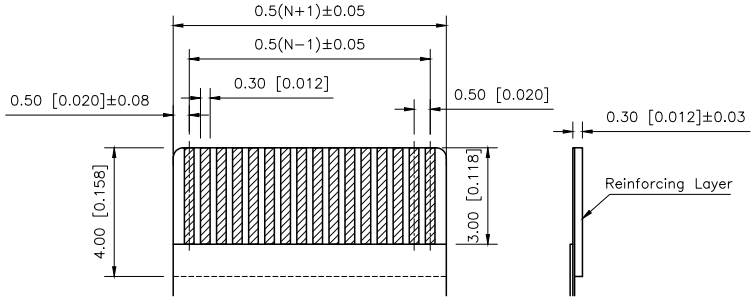




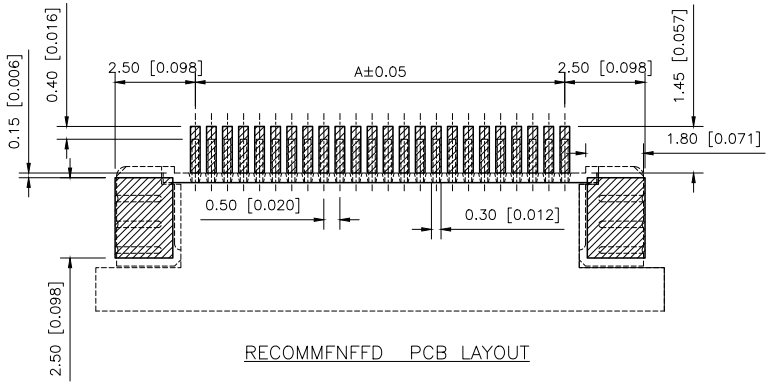
上接触 Up Contact

■SPECIFICATIONS
- Voltage rating:50V AC/DC
- Current rating:0.4A AC/DC
- Withstanding Voltage:500V AC/minute
- Temperature range:−45°C~+125°C
- Insulation resistance:≥500MΩ
- Contact resistance:≤20mΩ





RECOMMFNFFD FFC DIM



RECOMMFNFFD PCB LAYOUT

PART NO.:

X05B20 U XX T
① ② ③ ④

①Series Name:X05B20=0.5mm Pitch(H=2.0mm)
②Assembly style :L:Low Contact SMT Type
U:Upper Contact SMT Type
D:Double−Face Contact SMT Type
H:Back−flip Double−Face Contact SMT
③Number of terminals :XX=37/43PIN
④Plating : T:Tin Over Nickel

Poles	Dimension mm		
	A	B	C
37	18.00	24.20	19.10
43	21.00	27.20	22.10

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

www.helloxkb.com www.helloxkb.cn www.xk−dg.cn

XKB 星创 Connection

DESIGN	阿树	VIEW:	MODEL TYPE: FPC CONNECTOR
CHECKED		UNIT: mm/in	PART NO.: X05B20UXXT
APPROVED		SIZE: A4	DWG NO.:

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	2/2	A1