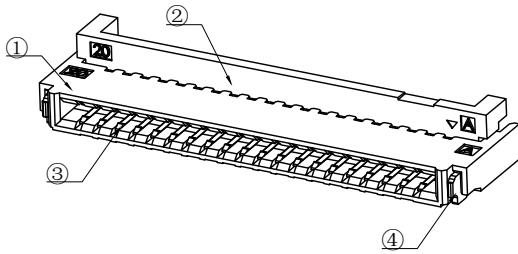
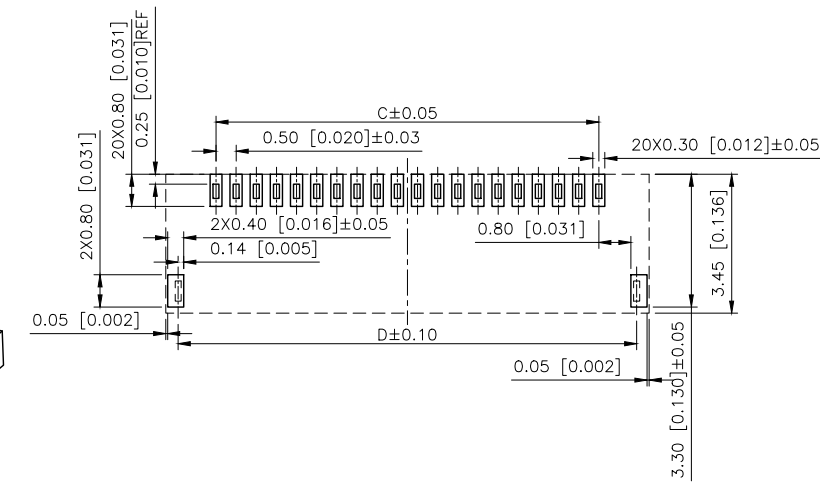
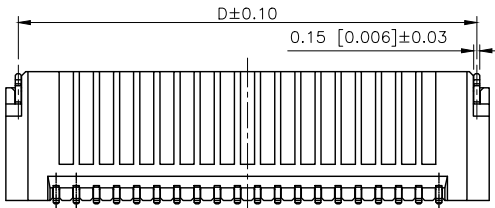
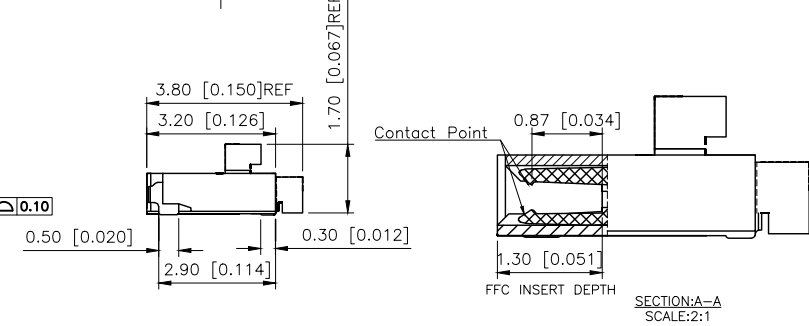
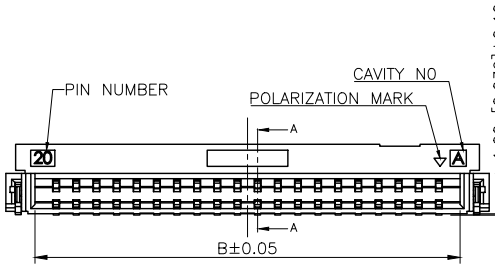
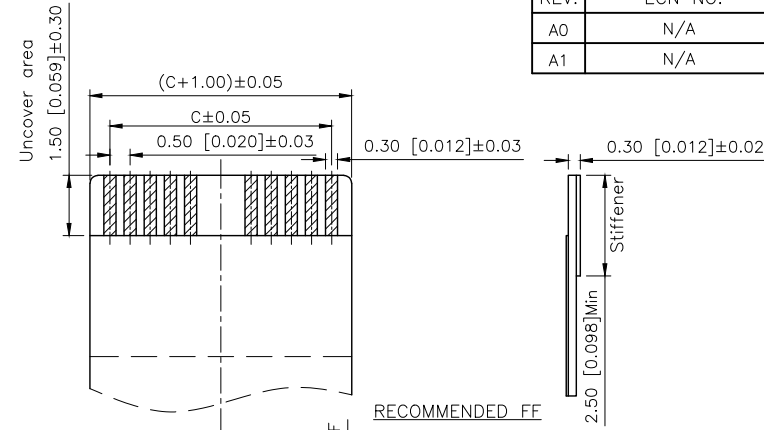
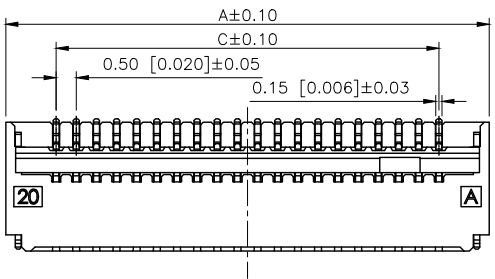


REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		凸台形状变更, 图面升级整理图面	2024.12.13	阿树

Poles	A	B	C	D
09	6.50	5.05	4.00	5.88
14	9.00	7.55	6.50	8.38
16	10.00	8.55	7.50	9.38
18	11.00	9.55	8.50	10.38
20	12.00	10.55	9.50	11.38
22	13.00	11.55	10.50	12.38
24	14.00	12.55	11.50	13.38
30	17.00	15.55	14.50	16.38
34	19.00	17.55	16.50	18.38
45	24.50	23.05	22.00	23.88
50	27.00	25.55	24.50	26.38



1.FPC NOT MATING CONDITION BANNED CLOSURE
2.PART NO. LEGEND.

PART NO.:

X05A10 H XX G
① ② ③ ④

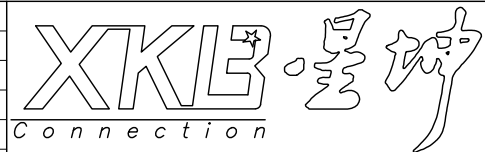
- ①Series Name:
X05A10=0.5 mm Pitch(H=1.0mm)
- ②Assembly style:
L:Low Contact SMT Type; U:Upper Contact SMT Type;
D:Double-Face Contact SMT Type;
H:Back-flip Double-Face Contact SMT Type
- ③Number of terminals
:XX=09、14、16、18、20、22、24、30、34、45、50PIN
- ④Plating:G:Gold Flash ;

3.PERFORMANCE:

- 3.1:CURRENT RATING:0.5A/PIN
- 3.2:VOLTAGE RATING:50V(AC/DC)
- 3.3:CONTACT RESISTANCE: INITIAL VALUE 100mOHM Max.
- 3.4:INSULATION RESISTANCE:500MOHM Min.
- 3.5:DIELETRIC WITHSTANDING VOLTAGE:250V AC FOR 1MINUTE
- 3.6:DURABILT: 20 TIMES Min
- 3.7:OPERATING TEMPERATURE:-55 ~85
OPERATING HUMIDITY RANGE:90% MAX

NO.	COMPONENTS	MATERIALS	FINISH/COLOR SPECIFICATION	QUANTITY
4	STATOR	Phosphor Bronze		2
3	TERMINAL	Phosphor Bronze		POSITIONS
2	COVER	LCP UL94V-0	BLACK	1
1	HOUSING	LCP UL94V-0	NATURAL	1

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

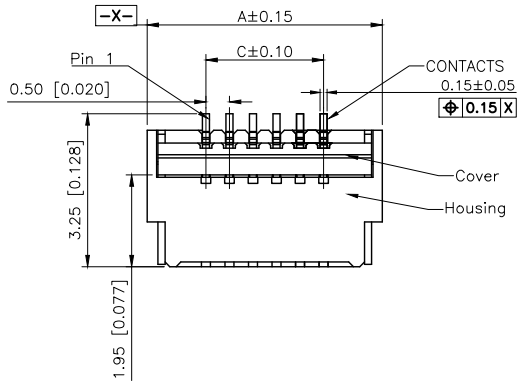


DESIGN	阿树	VIEW:		MODEL TYPE:	FPC CONNECTOR
CHECKED		UNIT:	mm/in	PART NO.:	X05A10HXXX
APPROVED		SIZE:	A4	DWG NO.:	

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SCALE	PAGE	REVISION
N/A	1/2	A1

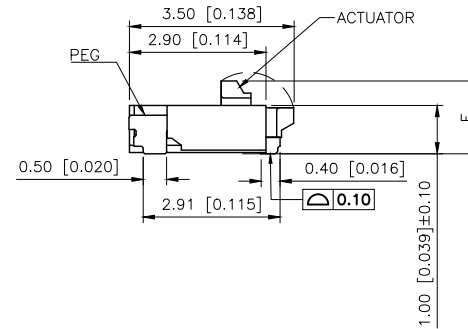
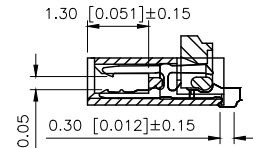
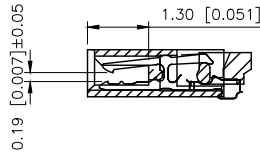
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A1	N/A		pin位整合, 图面升级整理图面	2025.07.25	阿树
A2	ECN-P-2026011502		产品尺寸变更	2026.01.15	阿树



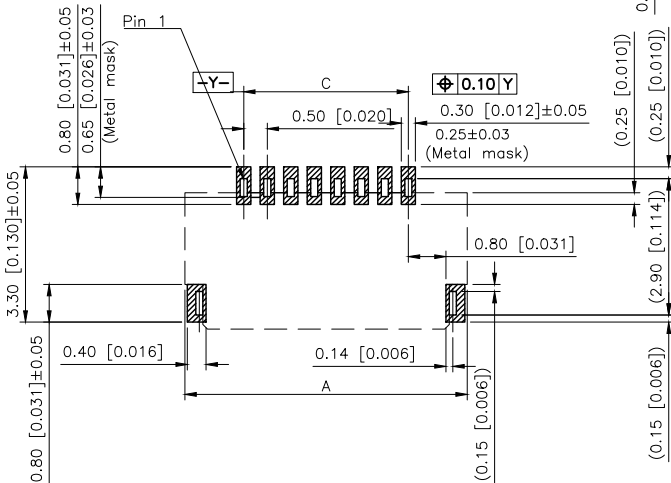
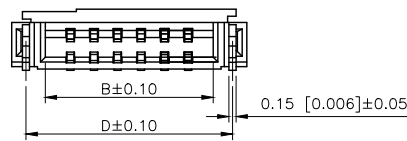
PART NO.:

X05A10 H XX G
① ② ③ ④

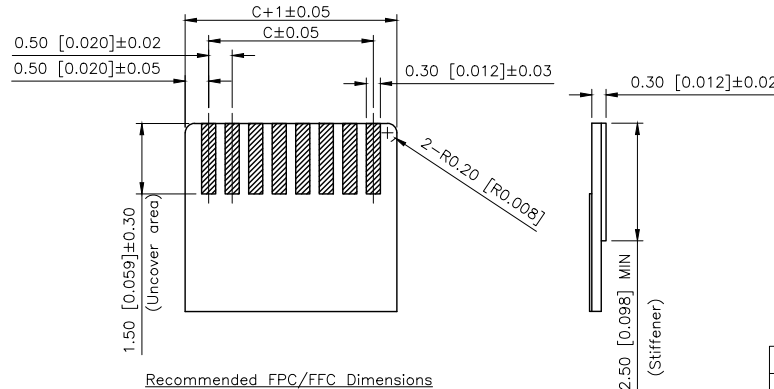
- ①Series Name:
X05A10=0.5 mm Pitch(H=1.0mm)
- ②Assembly style:
L:Low Contact SMT Type; U:Upper Contact SMT Type;
D:Double-Face Contact SMT Type;
H:Back-flip Double-Face Contact SMT Type
- ③Number of terminals :XX=05, 06, 08, 10, 12, 26, 28, 40PIN
- ④Plating;G:Gold Flash ;



Poles	A	B	C	D	E
04	4.00	2.57	1.50	3.39	1.55
05	4.50	3.07	2.00	3.89	
06	5.00	3.57	2.50	4.39	
07	5.50	4.07	3.00	4.89	
08	6.00	4.57	3.50	5.39	
10	7.00	5.57	4.50	6.39	
11	7.50	6.07	5.00	6.89	
12	8.00	6.57	5.50	7.39	
14	9.00	7.57	6.50	8.39	
16	10.00	8.57	7.50	9.39	
18	11.00	9.57	8.50	10.39	
20	12.00	10.57	9.50	11.39	
22	13.00	11.57	10.50	12.39	
24	14.00	12.57	11.50	13.39	
26	15.00	13.57	12.50	14.39	
28	16.00	14.57	13.50	15.39	
30	17.00	15.57	14.50	16.39	
32	18.00	16.57	15.50	17.39	
34	19.00	17.57	16.50	18.39	
40	22.00	20.57	19.50	21.39	
45	24.50	23.07	22.00	23.89	
50	27.00	25.57	24.50	26.39	



Recommended PCB mounting pattern and metal mask dimensions
Recommended metal mask thickness: t=0.1



3.PERFORMANCE:

- 3.1:CURRENT RATING:0.5A/PIN
- 3.2:VOLTAGE RATING:50V(AC/DC)
- 3.3:CONTACT RESISTANCE: INITIAL VALUE 100mOHM Max.
- 3.4:INSULATION RESISTANCE:500MOHM Min.
- 3.5:DIELERIC WITHSTANDING VOLTAGE:250V AC FOR 1MINUTE
- 3.6:DURABILT: 20 TIMES Min
- 3.7:OPERATING TEMPERATURE:-55 ~85
- OPERATING HUMIDITY RANGE:90% MAX

NO. COMPONENTS	MATERIALS	FINISH/COLOR SPECIFICATION	QUANTITY	
4	STATOR	Copper alloy	2	
3	TERMINAL	Copper alloy	POSITIONS	
2	COVER	LCP UL94V-0	BLACK	1
1	HOUSING	LCP UL94V-0	NATURAL	1

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



DESIGN	阿树	VIEW:		MODEL TYPE: FPC CONNECTOR
CHECKED		UNIT:	mm/in	PART NO.: X05A10HXXX
APPROVED		SIZE:	A4	DWG NO.:

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	2/2	A2