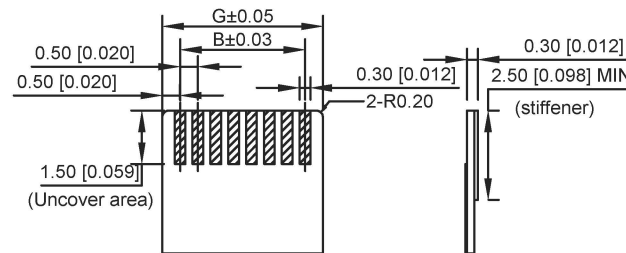
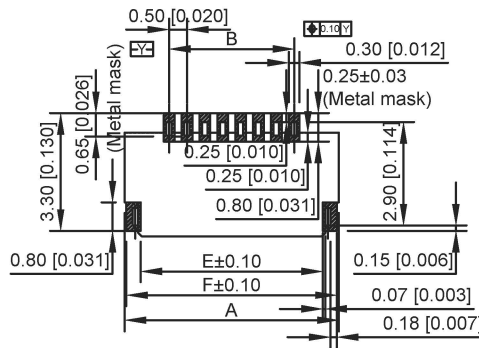
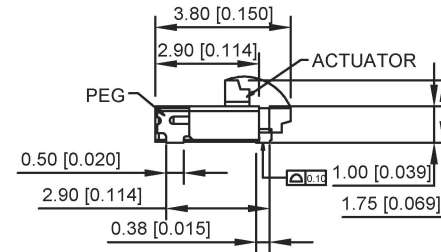
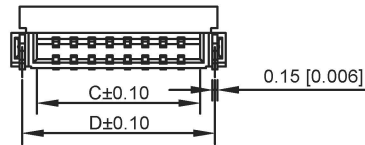


NOTES: MATERIAL & FINISH

- 1.MATERIAL:
 HOUSING:LCP(UL 94V-0)
 ACTUATOR:LCP(UL 94V-0)
 TERMINAL:COPPER ALLOY
 SOLDER PIN:COPPER ALLOY
- 2.PLATING:
 TERMINAL:GOLD E ASH OVER NICKEL
 SOLDER PIN:TIN OVER NICKEL(LEAD FREEY)

50	27.00	24.50	25.57	26.39	26.10	26.90	25.50
45	24.50	22.00	23.07	23.89	23.60	24.40	23.00
40	22.00	19.50	20.57	21.39	21.10	21.90	20.50
34	19.00	16.50	17.57	18.39	18.10	18.90	17.50
32	18.00	15.50	16.57	17.39	17.10	17.90	16.50
30	17.00	14.50	15.57	16.39	16.10	16.90	15.50
26	15.00	12.50	13.57	14.39	14.10	14.90	13.50
24	14.00	11.50	12.57	13.39	13.10	13.90	12.50
23	13.50	11.00	12.07	12.89	12.60	13.40	12.00
22	13.00	10.50	11.57	12.39	12.10	12.90	11.50
20	12.00	9.50	10.57	11.39	11.10	11.90	10.50
16	10.00	7.50	8.57	9.39	9.10	9.90	8.50
14	9.00	6.50	7.57	8.39	8.10	8.90	7.50
12	8.00	5.50	6.57	7.39	7.10	7.90	6.50
11	7.50	5.00	6.07	6.89	6.60	7.40	6.00
10	7.00	4.50	5.57	6.39	6.10	6.90	5.50
8	6.00	3.50	4.57	5.39	5.10	5.90	4.50
7	5.50	3.00	4.07	4.89	4.60	5.40	4.00
6	5.00	2.50	3.57	4.39	4.10	4.90	3.50
4	4.00	1.50	2.57	3.39	3.10	3.90	2.50
Number of Contacts	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G



Recomend FPC Dim.

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

X05A10 L XX X
 ① ② ③ ④

- ① Series Name : X05A10=0.5 mm Pitch(H=1.0mm)
 ② Assembly 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
 ③ Number of terminals :XX=04-50PIN
 ④ Plating : G:Gold Flash Over Nickel T:Tin Over Nickel

3.PERFORMANCE:

- 3.1: CURRENT RATING:0.5A/PIN
 3.2: VOLTAGE RATING:50V(AC/DC)
 3.3: CONTACT RESISTANCE: INITIAL VALUE 30mOHM 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:-40℃ ~+85℃
 OPERATING HUMIDITY RANGE:20% TO 85%

Recommended PCB Layout(Top View)

Recommended metal mask pattern(thickness 0.1mm)

广东星坤科技股份有限公司

生	日期
效	日期
Δx	
Δx	
Δx	

MARK	DESCRIPTION	DATE	REVISED	APPROVED	REVISIONS
文件	工程				

ANGLAR	±5°
L ≤ 4	±0.2
4 < L ≤ 16	±0.3
16 < L ≤ 63	±0.4
L > 63	±0.5

UNSPECIFIED TOLERANCES

DSND		DATE		SCALE: N/A	MODEL TYPE: FPC CONNECTOR
DWN		DATE		VIEW: ①	PART NO.:
CHKD		DATE		UNIT: mm/in	DWG NO.:
APPD		DATE		SIZE: A4	X05A10LXXX
XKB INDUSTRIAL PRECISION CO.,LIMITED					WEIGHT 1.0g
					SHEET 1/1
					REVISION A0

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