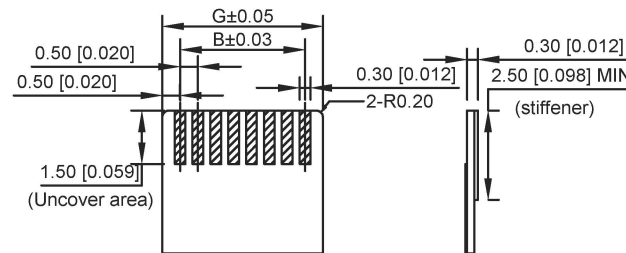
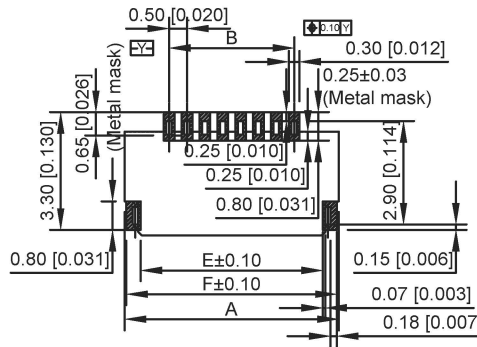
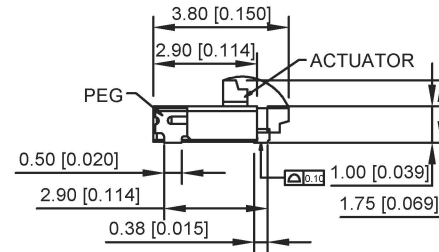
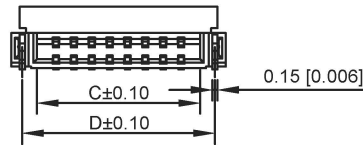


NOTES: MATERIAL & FINISH

- 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 | UNSPECIFIED TOLERANCES |
|------|-------------|------|---------|----------|------------------------|
| 文件   | 工程          |      |         |          |                        |

|                                      |  |      |             |                              |
|--------------------------------------|--|------|-------------|------------------------------|
| DSND                                 |  | DATE | SCALE: N/A  | MODEL TYPE:<br>FPC CONNECTOR |
| DWN                                  |  | DATE | VIEW: ④     | PART NO.:                    |
| CHKD                                 |  | DATE | UNIT: mm/in | DWG NO.:                     |
| APPD                                 |  | DATE | SIZE: A4    | X05A10LXXX                   |
| XKB INDUSTRIAL PRECISION CO.,LIMITED |  |      |             | WEIGHT<br>1.0g               |
|                                      |  |      |             | SHEET<br>1/1                 |
|                                      |  |      |             | REVISION<br>A0               |

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