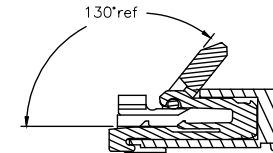
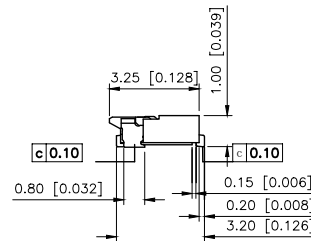
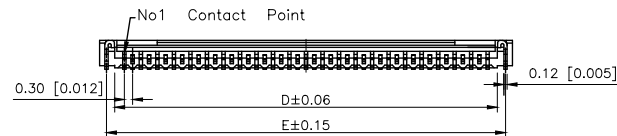
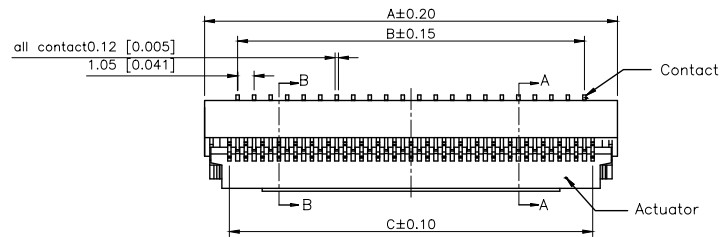
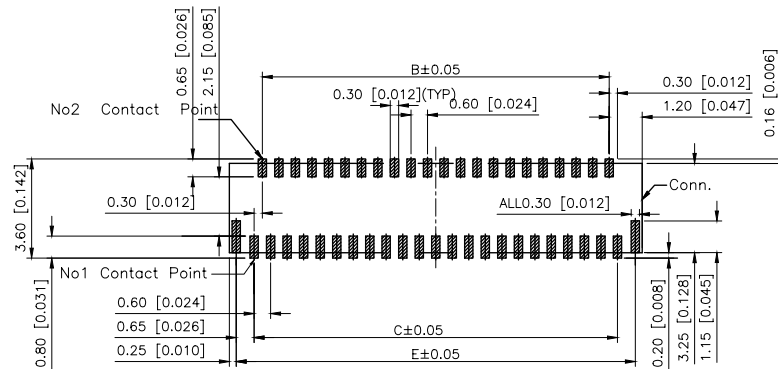


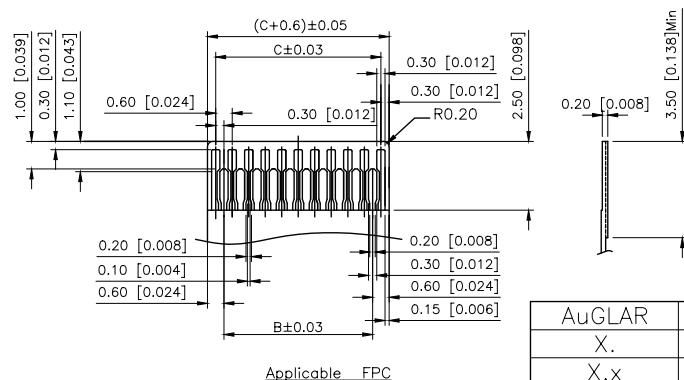
| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /          | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.05.20 | 阿树     |



When Actuator Is Opened  
Scale 2:1



FPC/FFC Insert Direction  
Recommended P.C.B Layout



#### NOTES

##### MATERIAL:

This part don't contain any substances which are specified in ss-00259  
Housing: Glass filled thermo-plastic: UL94V-0 black  
Actuator: Glass filled thermo-plastic: UL94V-0 natural  
Contacts: Phosphor Bronze C5210R-SH thickness=0.12mm  
Latch: phosphor bronze C5131R-H thickness=0.12mm  
1.Fpc not mating condition banned closure  
2.Part no.legend.

#### PART NO.:

X03A10 H 51 G  
① ② ③ ④

①Series Name:X03A10=0.30mm Pitch(H:1.00mm)

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=13-73PIN

④Plating : G:Gold Flash Over Nickel T:Tin Over Nickel

#### 3.PERFORMANCE

3.1: CURRENT RATING:0.2A/PIN.

3.2: VOLTAGE RATING: 30V(AC/DC)

3.3:CONTACT RESISTANCE: INITIAL VALUE 30mOHM Max

3.4:INSULATION RESISTANCE: 500MOHM Min

3.5: DIELECTRIC WITHSTANDING VOLTAGE:250V AC FOR 1MINUTE.

| Number of contacts | Dimension |       |       |       |       |
|--------------------|-----------|-------|-------|-------|-------|
|                    | A         | B     | C     | D     | E     |
| 13                 | 5.40      | 3.00  | 3.60  | 4.25  | 4.90  |
| 15                 | 6.00      | 3.60  | 4.20  | 4.85  | 5.50  |
| 17                 | 6.60      | 4.20  | 4.80  | 5.45  | 6.10  |
| 19                 | 7.20      | 4.80  | 5.40  | 6.05  | 6.70  |
| 21                 | 7.80      | 5.40  | 6.00  | 6.65  | 7.30  |
| 23                 | 8.40      | 6.00  | 6.60  | 7.25  | 7.90  |
| 25                 | 9.00      | 6.60  | 7.20  | 7.85  | 8.50  |
| 27                 | 9.60      | 7.20  | 7.80  | 8.45  | 9.10  |
| 29                 | 10.20     | 7.80  | 8.40  | 9.05  | 9.70  |
| 31                 | 10.80     | 8.40  | 9.00  | 9.65  | 10.30 |
| 33                 | 11.40     | 9.00  | 9.60  | 10.25 | 10.90 |
| 35                 | 12.00     | 9.60  | 10.20 | 10.85 | 11.50 |
| 37                 | 12.60     | 10.20 | 10.80 | 11.45 | 12.10 |
| 39                 | 13.20     | 10.80 | 11.40 | 12.05 | 12.70 |
| 41                 | 13.80     | 11.40 | 12.00 | 12.65 | 13.30 |
| 45                 | 15.00     | 12.60 | 13.20 | 13.85 | 14.50 |
| 49                 | 16.20     | 13.80 | 14.40 | 15.05 | 15.70 |
| 51                 | 16.80     | 14.40 | 15.00 | 15.65 | 16.30 |
| 57                 | 18.60     | 16.20 | 16.80 | 17.45 | 18.10 |
| 61                 | 19.80     | 17.40 | 18.00 | 18.65 | 19.30 |
| 67                 | 21.60     | 19.20 | 19.80 | 20.45 | 21.10 |
| 71                 | 22.80     | 20.40 | 21.00 | 21.65 | 22.30 |
| 73                 | 23.40     | 21.00 | 21.60 | 22.25 | 22.90 |

|                        |       |
|------------------------|-------|
| 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:<br>FPC CONNECTOR |      |          |
| CHECKED                |    | UNIT: | mm/in                                                                                 | PART NO.:<br>X03A10L51G      |      |          |
| APPROVED               |    | SIZE: | A4                                                                                    | DWG NO.:<br>X03A10L51G       |      |          |
| PRECISION CO., LIMITED |    |       |                                                                                       | SCALE                        | PAGE | REVISION |
|                        |    |       |                                                                                       | N/A                          | 1/1  | A1       |
|                        |    |       |                                                                                       |                              |      |          |