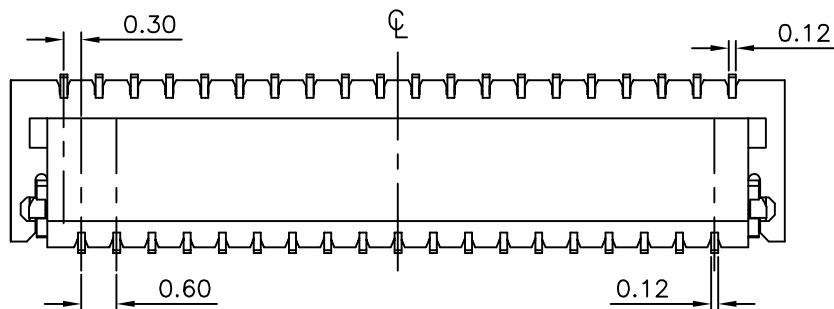
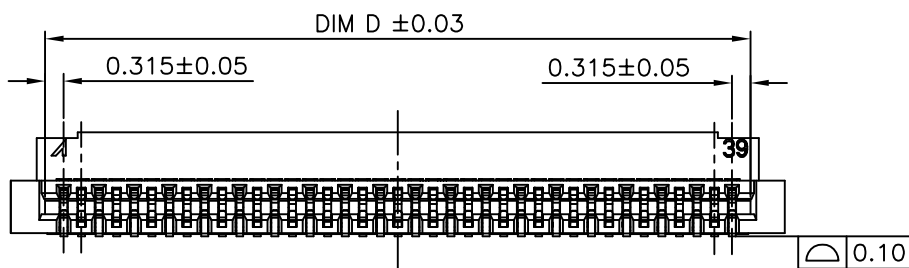
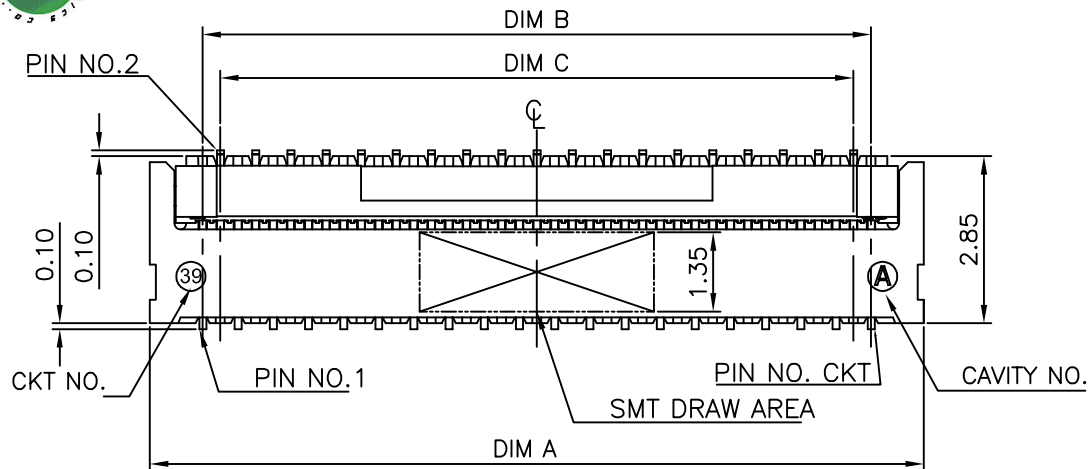


#### NOTES:

##### 1. MATERIAL:

1.1 HOUSING: THERMOPLASTIC, HIGH TEMP.UL94V-0;  
COLOR:WHITE.

1.2 ACTUATOR: THERMOPLASTIC, HIGH TEMP.UL94-0;  
COLOR:BLACK.

1.3 CONTACT: COPPER ALLOY

##### 2. FINISH:

###### 2.1 CONTACT:

M: 50~120u" NICKEL PLATING OVERALL

3u" MIN. PLATING GOLD ON CONTACT

1u" MIN. PLATING GOLD ON SOLDER

3. SPEC. PLS. REFER TO PS-51688-XXXXX-XXX

4. PACKAGE PLS. REFER TO 51688-XXXXX-XX-TRP

5. PART NUMBER

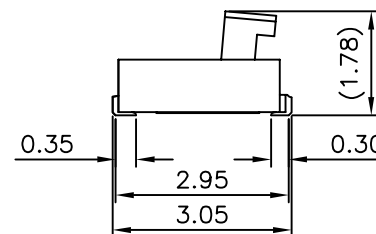
51688-XXX X X -XXX

NO OF CKT

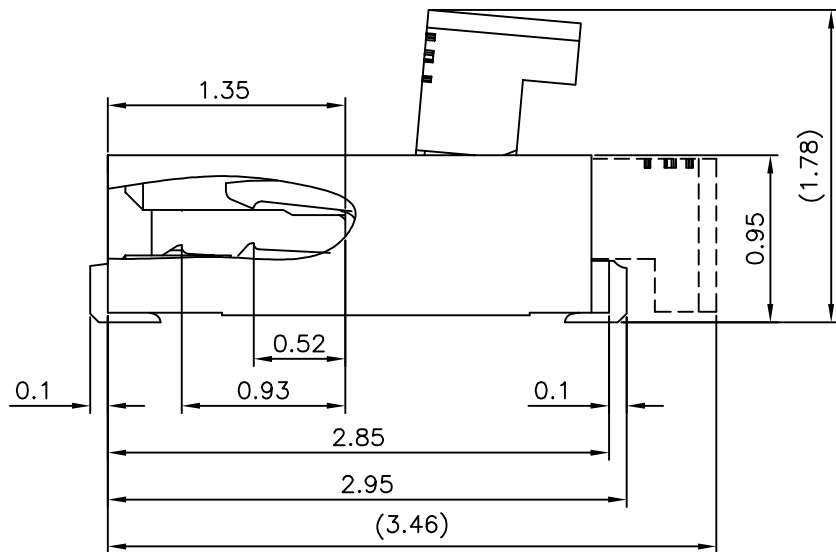
PACKING  
0:TAPE & REEL

| CODE | LOGO |
|------|------|
| 001  | ACES |

PLATING  
M:3u" GOLD ON CONTACT AND  
SOLDER FOR SELECTIVENESS PLATING

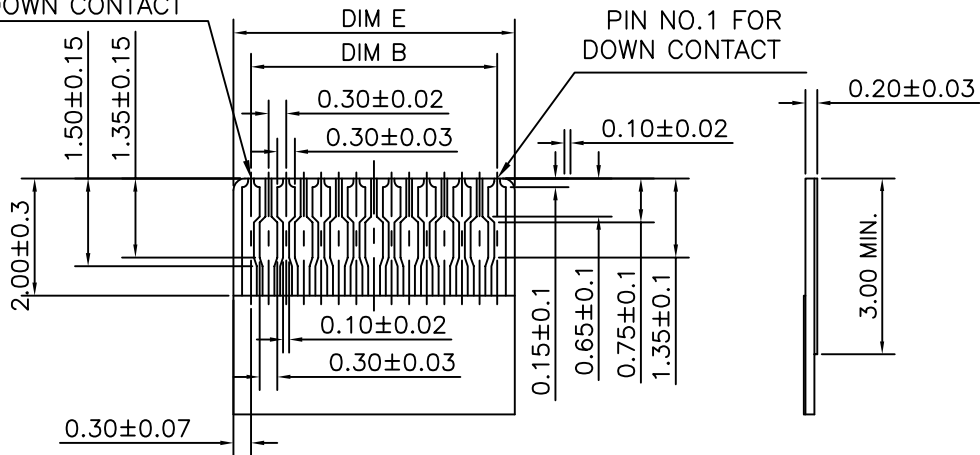


|                                                                                                               |                   |                                                                                                     |                                                                         |
|---------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 一般公差<br>TOLERANCES<br>X ±0.5 XX ±0.15<br>X ±0.25 XXX ±0.1<br>ANGLES ±2°                                       |                   | 宏致電子股份有限公司<br>Aces Electronics Co.,Ltd.                                                             |                                                                         |
| 檢驗尺寸標示<br>SYMBOLS ① ② INDICATE<br>CLASSIFICATION DIMENSION<br>① MARK IS CRITICAL DIM.<br>② MARK IS MAJOR DIM. |                   | 品名 (TITLE)<br>0.3 MM PITCH ZIF BACK-FLIP<br>FPC CONN SMT R/A D/C<br>圖號 (DWG NO.)<br>51688-XXXXX-XXX | 製圖 (DR) JAMESLEN<br>'15/06/06<br>審核 (CHKD) RYAN<br>核准 (APPD) K.HISATOMI |
| 表面處理 (FINISH)                                                                                                 | 比例 (SCALE)<br>8:1 | 單位 (UNITS)<br>mm                                                                                    | 張數 (SHEET)<br>1 OF 3<br>SIZE<br>A4<br>REV<br>B                          |



SCALE 24:1

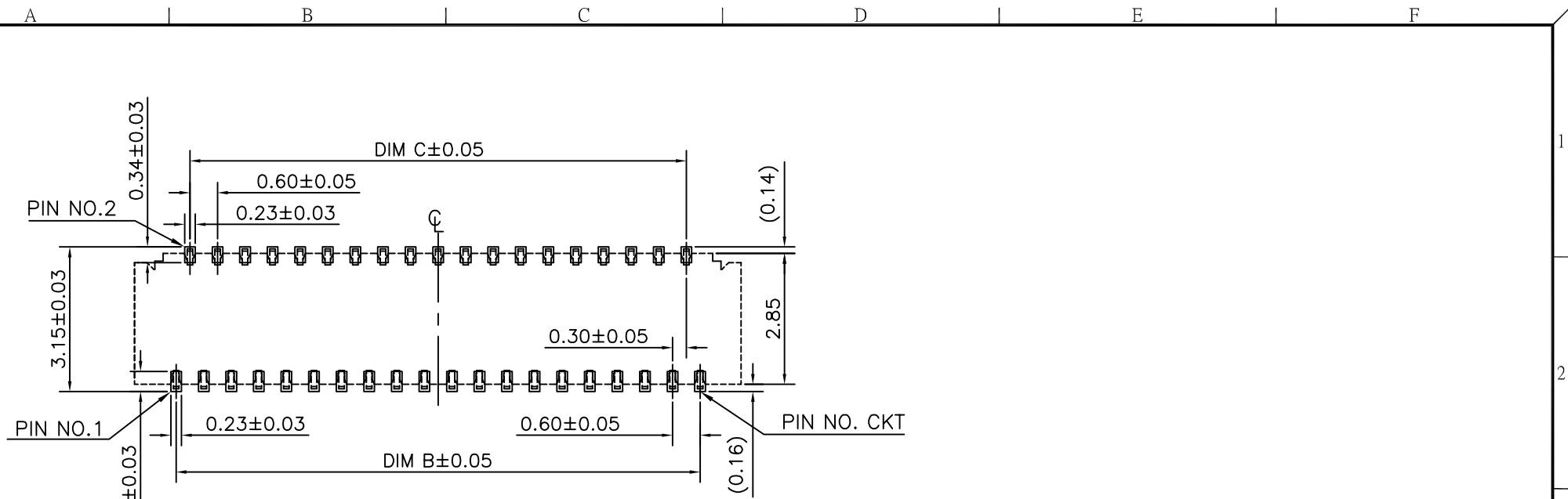
PIN NO. CKT FOR  
DOWN CONTACT



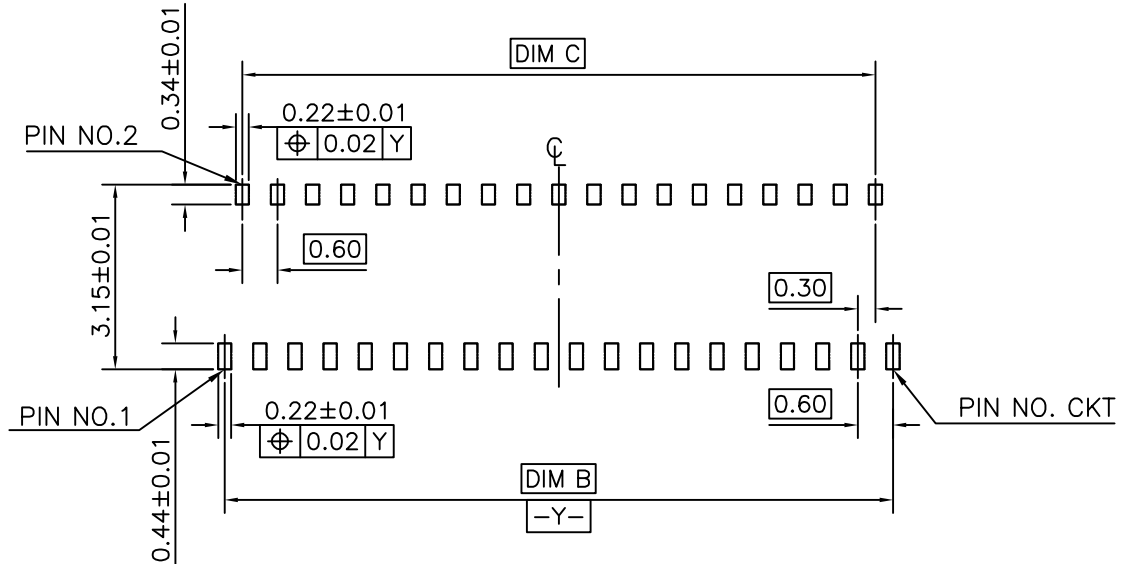
APPLICABLE FPC RECOMMENDED DIM  
(GENERAL TOLERANCE:  $\pm 0.05\text{mm}$ )

| CKT | Dim A | Dim B | Dim C | Dim D | Dim E |
|-----|-------|-------|-------|-------|-------|
| 7   | 3.60  | 1.80  | 1.20  | 2.43  | 2.40  |
| 9   | 4.20  | 2.40  | 1.80  | 3.03  | 3.00  |
| 11  | 4.80  | 3.00  | 2.40  | 3.63  | 3.60  |
| 13  | 5.40  | 3.60  | 3.00  | 4.23  | 4.20  |
| 15  | 6.00  | 4.20  | 3.60  | 4.83  | 4.80  |
| 17  | 6.60  | 4.80  | 4.20  | 5.43  | 5.40  |
| 19  | 7.20  | 5.40  | 4.80  | 6.03  | 6.00  |
| 21  | 7.80  | 6.00  | 5.40  | 6.63  | 6.60  |
| 23  | 8.40  | 6.60  | 6.00  | 7.23  | 7.20  |
| 25  | 9.00  | 7.20  | 6.60  | 7.83  | 7.80  |
| 27  | 9.60  | 7.80  | 7.20  | 8.43  | 8.40  |
| 29  | 10.20 | 8.40  | 7.80  | 9.03  | 9.00  |
| 31  | 10.80 | 9.00  | 8.40  | 9.63  | 9.60  |
| 33  | 11.40 | 9.60  | 9.00  | 10.23 | 10.20 |
| 35  | 12.00 | 10.20 | 9.60  | 10.83 | 10.80 |
| 37  | 12.60 | 10.80 | 10.20 | 11.43 | 11.40 |
| 39  | 13.20 | 11.40 | 10.80 | 12.03 | 12.00 |
| 41  | 13.80 | 12.00 | 11.40 | 12.63 | 12.60 |
| 45  | 15.00 | 13.20 | 12.60 | 13.83 | 13.80 |
| 51  | 16.80 | 15.00 | 14.40 | 15.63 | 15.60 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                     |  |                                                                                                                          |            |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------|------------|----------|
| 一般公差<br>TOLERANCES<br>X ±0.5 XX ±0.15<br>X ±0.25 XXX ±0.1<br>ANGLES ±2°                                                                                                                                                                                                                                                                                                                                                                                           |  | 宏致電子股份有限公司<br>Aces Electronics Co.,Ltd.                                                             |  |                                                                                                                          |            |          |
| 檢驗尺寸標示<br>SYMBOLS   INDICATE<br>CLASSIFICATION DIMENSION<br><br> MARK IS CRITICAL DIM.<br> MARK IS MAJOR DIM. |  | 品名 (TITLE)<br>0.3 MM PITCH ZIF BACK-FLIP<br>FPC CONN SMT R/A D/C<br>圖號 (DWG NO.)<br>51688-XXXXX-XXX |  | 製圖 (DR) JAMESLEN<br>'15/06/06<br>審核 (CHKD) RYAN<br>核准 (APPD) K.HISATOMI                                                  |            |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 表面處理 (FINISH)<br>_____                                                                              |  | 比例 (SCALE) 8:1<br>單位 (UNITS) mm<br> |            |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                     |  | 張數 (SHEET)<br>2 OF 3                                                                                                     | SIZE<br>A4 | REV<br>B |



RECOMMENDED P.C.B. LAYOUT  
HATCHED AREA SHOWS SOLDERING LAND.  
(GENERAL TOLERANCE: ±0.05mm)



RECOMMENDED STENCIL PATTERN  
(RECOMMENDED STENCIL THICKNESS t=0.12mm)

|                                                                                                               |                                                                                                     |                                         |  |                      |            |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------|--|----------------------|------------|
| 一般公差<br>TOLERANCES<br>X ±0.5    XX ±0.15<br>X ±0.25    XXX ±0.1<br>ANGLES    ±2°                              |                                                                                                     | 宏致電子股份有限公司<br>Aces Electronics Co.,Ltd. |  |                      |            |
| 檢驗尺寸標示<br>SYMBOLS ④ ⑤ INDICATE<br>CLASSIFICATION DIMENSION<br>④ MARK IS CRITICAL DIM.<br>⑤ MARK IS MAJOR DIM. | 品名 (TITLE)<br>0.3 MM PITCH ZIF BACK-FLIP<br>FPC CONN SMT R/A D/C<br>圖號 (DWG NO.)<br>51688-xxxxx-xxx | 製圖 (DR) JAMESLEN<br>'15/06/06           |  | 審核 (CHKD) RYAN       |            |
|                                                                                                               |                                                                                                     | 核准 (APPD) K.HISATOMI                    |  | 張數 (SHEET)<br>3 OF 3 | SIZE<br>A4 |
| 表面處理 (FINISH)                                                                                                 | 比例 (SCALE)<br>8:1                                                                                   | 單位 (UNITS)<br>mm                        |  |                      | REV<br>B   |