

Current Rating:1.0AMP  
Insulation Resistance:500M  $\Omega$  Min.  
Contact Resistance:30m  $\Omega$  Max.  
Dielectric Voltage:500V AC/Minute  
Operation Temperature:-25°C to +85°C

Insulator:High Temperature Thermoplastic,UL 94V-0  
Contact Pin:Copper Alloy

5 F P 3 B 1 S A D - X X T 0 B U T - 0 1

3:Pitch 1.0mm

B:Non ZIF

No. of contacts (See Table)

T0: Tin Plated

B:Black

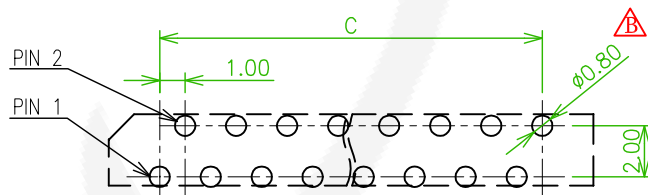
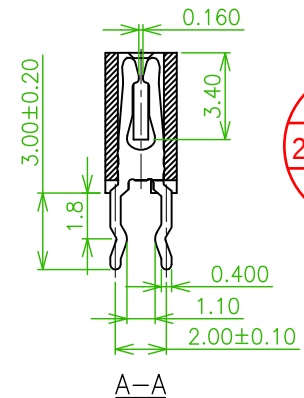
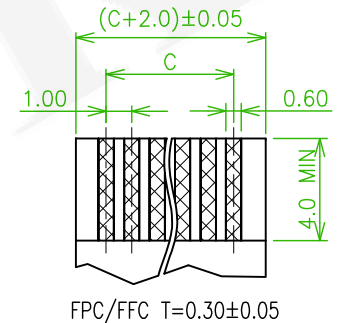
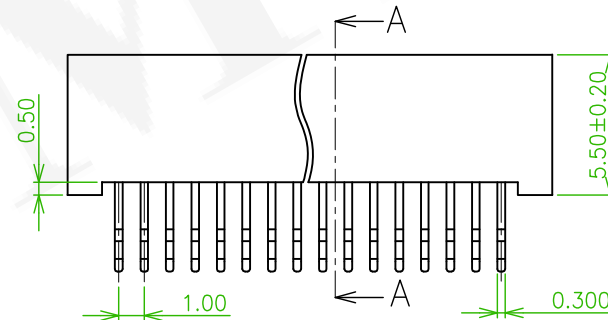
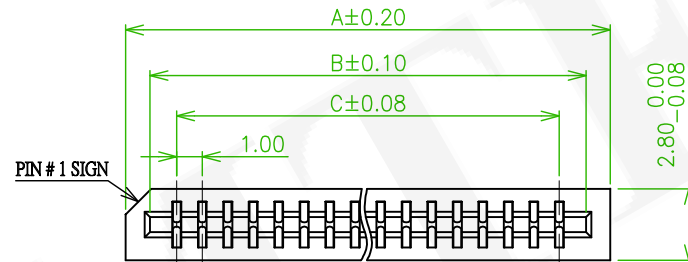
RoHS

T:Tube W/O Cap

E



| Circuits | Dimension |       |       | Circuits | Dimension |       |       |
|----------|-----------|-------|-------|----------|-----------|-------|-------|
|          | A         | B     | C     |          | A         | B     | C     |
| 3        | 6.00      | 4.10  | 2.00  | 20       | 23.00     | 21.10 | 19.00 |
| 4        | 7.00      | 5.10  | 3.00  | 21       | 24.00     | 22.10 | 20.00 |
| 5        | 8.00      | 6.10  | 4.00  | 22       | 25.00     | 23.10 | 21.00 |
| 6        | 9.00      | 7.10  | 5.00  | 23       | 26.00     | 24.10 | 22.00 |
| 7        | 10.00     | 8.10  | 6.00  | 24       | 27.00     | 25.10 | 23.00 |
| 8        | 11.00     | 9.10  | 7.00  | 25       | 28.00     | 26.10 | 24.00 |
| 9        | 12.00     | 10.10 | 8.00  | 26       | 29.00     | 27.10 | 25.00 |
| 10       | 13.00     | 11.10 | 9.00  | 28       | 31.00     | 29.10 | 27.00 |
| 11       | 14.00     | 12.10 | 10.00 | 30       | 33.00     | 31.10 | 29.00 |
| 12       | 15.00     | 13.10 | 11.00 | 32       | 35.00     | 33.10 | 31.00 |
| 13       | 16.00     | 14.10 | 12.00 | 34       | 37.00     | 35.10 | 33.00 |
| 14       | 17.00     | 15.10 | 13.00 |          |           |       |       |
| 15       | 18.00     | 16.10 | 14.00 |          |           |       |       |
| 16       | 19.00     | 17.10 | 15.00 |          |           |       |       |
| 17       | 20.00     | 18.10 | 16.00 |          |           |       |       |
| 18       | 21.00     | 19.10 | 17.00 |          |           |       |       |
| 20       | 23.00     | 21.10 | 19.00 |          |           |       |       |
| 21       | 24.00     | 22.10 | 20.00 |          |           |       |       |



### Recommended PCB Board Hole Layout



**糧德精密有限公司**  
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|                      |                                         |             |            |                |                              |                                                                                       |
|----------------------|-----------------------------------------|-------------|------------|----------------|------------------------------|---------------------------------------------------------------------------------------|
| 品名<br>TITLE          | FPC/FFC 1.0mm Non Zif Straight Dip Type |             |            |                | 頁數<br>Page                   | 1/1                                                                                   |
| 品號<br>PART NO.       | 5FP3B1SAD-XXT0BUT-01                    |             |            | 繪圖<br>DRAWN    | Roy<br>2015/09/23            |                                                                                       |
| 圖號<br>DRAWING NO.    |                                         | 版本<br>REV.  | B          | 核對<br>CHECKED  | John<br>2015/09/23           |                                                                                       |
| 客戶品號<br>CUSTOMER P/N |                                         | 比例<br>SCALE | None       | 承認<br>APPROVED | John<br>2015/09/23           |                                                                                       |
| 公差<br>TOLERANCE      | .X ± 0.20<br>.XX ± 0.10                 | .X°±3       | 單位<br>UNIT | mm             | THIRD<br>ANGLE<br>PROJECTION |  |

Old Part No. : FPC3BS6-XXA-U

|                                                                                   |                        |         |                   |
|-----------------------------------------------------------------------------------|------------------------|---------|-------------------|
|                                                                                   |                        |         |                   |
|                                                                                   |                        |         |                   |
|  | Revise the drawing     | B       | 2016/10/25<br>Roy |
| REV.                                                                              | ECN NO. OR DESCRIPTION | REVISED | DATE              |