

Recommend PCB Layout  
Layout Tolerance  $\pm 0.05$

- Notes:
1. Material:
    - a.Plunger: C6801
    - b.Barrel: C3602
    - c.Spring: SUS
    - d.Housing: PA46
  - 2 Surface treatment ( plating):
    - a.plunger:3micro inch Au over 50~100 micro inch nickel ;
    - b.barrel:3micro inch Au over 50~100 micro inch nickel
  - 3 Durability: 10000 cycles min;
  - 4 Spring force: 20gf  $\pm$  5gf at 1.5mm Working stroke (normal working height).
  5. Electrical  
Rated current & voltage: DC 12V; 1.5A Max.  
Contact resistance: 30 mohm maximum at normal working height(quiescence)

|  |  |  |  |                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |                  |  |        |  |       |           |
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|  |  |  |  |  <b>建倚科技股份有限公司</b><br><b>CONTACT TECHNOLOGY CORP.</b> |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  | DRAWN BY: DATE   |  | MAT'L  |  | TITLE | CONNECTOR |
|  |  |  |  |                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  | CHECKED BY: DATE |  | FINISH |  | MODLE | POGO PIN  |
|  |  |  |  | TOLERANCE UNLESS<br>OTHERWISE STATED :                                                                                                   |  | Up to 5 $\pm 0.2$<br>Above 5 ~ 15 $\pm 0.3$<br>Above 15 ~ 30 $\pm 0.4$<br>Above 30 ~ 50 $\pm 0.5$<br>Above 50 ~ 100 $\pm 0.6$<br>Above 100 ~ 200 $\pm 0.7$<br>Above 200 ~ 500 $\pm 0.8$<br>Above 500 ~ 1000 $\pm 0.9$<br>Above 1000 ~ 2000 $\pm 1.0$<br>Above 2000 ~ 5000 $\pm 1.2$<br>Above 5000 ~ 10000 $\pm 1.5$<br>Above 10000 ~ 20000 $\pm 1.8$<br>Above 20000 ~ 50000 $\pm 2.0$<br>Above 50000 ~ 100000 $\pm 2.5$<br>Above 100000 ~ 200000 $\pm 3.0$<br>Above 200000 ~ 500000 $\pm 3.5$<br>Above 500000 ~ 1000000 $\pm 4.0$<br>Above 1000000 ~ 2000000 $\pm 4.5$<br>Above 2000000 ~ 5000000 $\pm 5.0$<br>Above 5000000 ~ 10000000 $\pm 5.5$<br>Above 10000000 ~ 20000000 $\pm 6.0$<br>Above 20000000 ~ 50000000 $\pm 6.5$<br>Above 50000000 ~ 100000000 $\pm 7.0$<br>Above 100000000 ~ 200000000 $\pm 7.5$<br>Above 200000000 ~ 500000000 $\pm 8.0$<br>Above 500000000 ~ 1000000000 $\pm 8.5$<br>Above 1000000000 ~ 2000000000 $\pm 9.0$<br>Above 2000000000 ~ 5000000000 $\pm 9.5$<br>Above 5000000000 ~ 10000000000 $\pm 10.0$<br>Above 10000000000 ~ 20000000000 $\pm 10.5$<br>Above 20000000000 ~ 50000000000 $\pm 11.0$<br>Above 50000000000 ~ 100000000000 $\pm 11.5$<br>Above 100000000000 ~ 200000000000 $\pm 12.0$<br>Above 200000000000 ~ 500000000000 $\pm 12.5$<br>Above 500000000000 ~ 1000000000000 $\pm 13.0$<br>Above 1000000000000 ~ 2000000000000 $\pm 13.5$<br>Above 2000000000000 ~ 5000000000000 $\pm 14.0$<br>Above 5000000000000 ~ 10000000000000 $\pm 14.5$<br>Above 10000000000000 ~ 20000000000000 $\pm 15.0$<br>Above 20000000000000 ~ 50000000000000 $\pm 15.5$<br>Above 50000000000000 ~ 100000000000000 $\pm 16.0$<br>Above 100000000000000 ~ 200000000000000 $\pm 16.5$<br>Above 200000000000000 ~ 500000000000000 $\pm 17.0$<br>Above 500000000000000 ~ 1000000000000000 $\pm 17.5$<br>Above 1000000000000000 ~ 2000000000000000 $\pm 18.0$<br>Above 2000000000000000 ~ 5000000000000000 $\pm 18.5$<br>Above 5000000000000000 ~ 10000000000000000 $\pm 19.0$<br>Above 10000000000000000 ~ 20000000000000000 $\pm 19.5$<br>Above 20000000000000000 ~ 50000000000000000 $\pm 20.0$<br>Above 50000000000000000 ~ 100000000000000000 $\pm 20.5$<br>Above 100000000000000000 ~ 200000000000000000 $\pm 21.0$<br>Above 200000000000000000 ~ 500000000000000000 $\pm 21.5$<br>Above 500000000000000000 ~ 1000000000000000000 $\pm 22.0$<br>Above 1000000000000000000 ~ 2000000000000000000 $\pm 22.5$<br>Above 2000000000000000000 ~ 5000000000000000000 $\pm 23.0$<br>Above 5000000000000000000 ~ 10000000000000000000 $\pm 23.5$<br>Above 10000000000000000000 ~ 20000000000000000000 $\pm 24.0$<br>Above 20000000000000000000 ~ 50000000000000000000 $\pm 24.5$<br>Above 50000000000000000000 ~ 100000000000000000000 $\pm 25.0$<br>Above 100000000000000000000 ~ 200000000000000000000 $\pm 25.5$<br>Above 200000000000000000000 ~ 500000000000000000000 $\pm 26.0$<br>Above 500000000000000000000 ~ 1000000000000000000000 $\pm 26.5$<br>Above 1000000000000000000000 ~ 2000000000000000000000 $\pm 27.0$<br>Above 2000000000000000000000 ~ 5000000000000000000000 $\pm 27.5$<br>Above 5000000000000000000000 ~ 10000000000000000000000 $\pm 28.0$<br>Above 10000000000000000000000 ~ 20000000000000000000000 $\pm 28.5$<br>Above 20000000000000000000000 ~ 50000000000000000000000 $\pm 29.0$<br>Above 50000000000000000000000 ~ 100000000000000000000000 $\pm 29.5$<br>Above 100000000000000000000000 ~ 200000000000000000000000 $\pm 30.0$<br>Above 200000000000000000000000 ~ 500000000000000000000000 $\pm 30.5$<br>Above 500000000000000000000000 ~ 1000000000000000000000000 $\pm 31.0$<br>Above 1000000000000000000000000 ~ 2000000000000000000000000 $\pm 31.5$<br>Above 2000000000000000000000000 ~ 5000000000000000000000000 $\pm 32.0$<br>Above 5000000000000000000000000 ~ 10000000000000000000000000 $\pm 32.5$<br>Above 10000000000000000000000000 ~ 20000000000000000000000000 $\pm 33.0$<br>Above 20000000000000000000000000 ~ 50000000000000000000000000 $\pm 33.5$<br>Above 50000000000000000000000000 ~ 100000000000000000000000000 $\pm 34.0$<br>Above 100000000000000000000000000 ~ 200000000000000000000000000 $\pm 34.5$<br>Above 200000000000000000000000000 ~ 500000000000000000000000000 $\pm 35.0$<br>Above 500000000000000000000000000 ~ 1000000000000000000000000000 $\$ |  |  |                  |  |        |  |       |           |