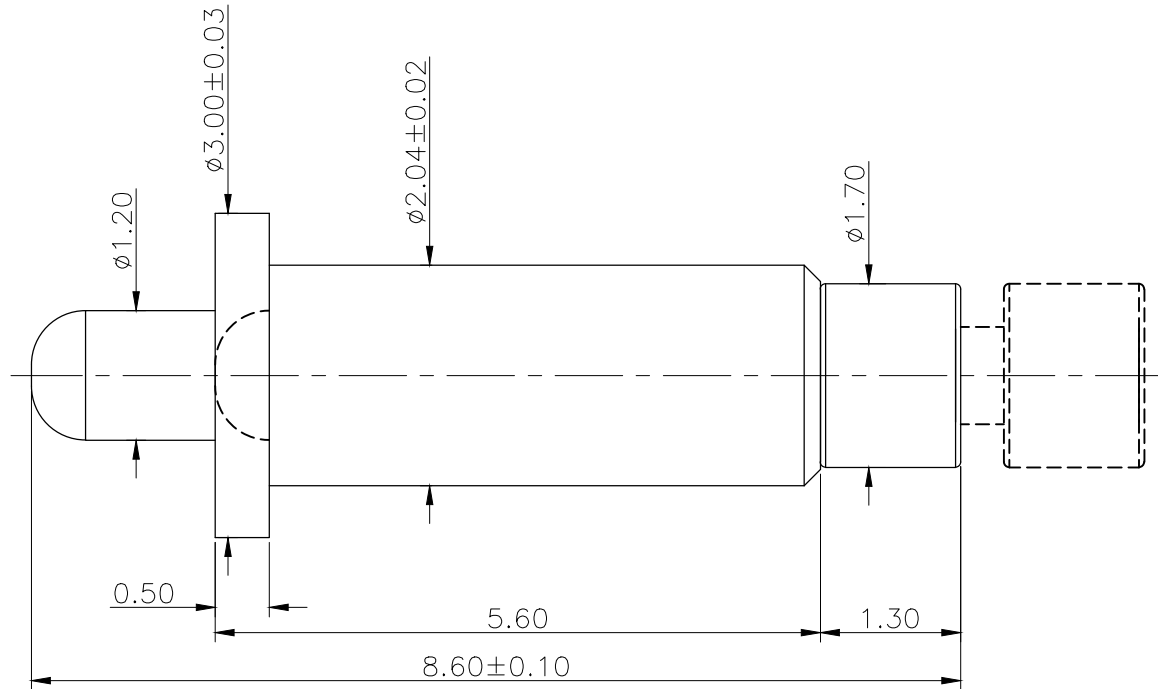


Please Approve this Drawing

Date

Signature

| NO. | Part Name | Q'TY | Material | Plated surface                |
|-----|-----------|------|----------|-------------------------------|
| 1   | Plunger   | 1    | 无铅铜      | Au 3u" Min. OVER 50~120 U" NI |
| 2   | Barrel    | 1    | 无铅铜      | Au 3u" Min. OVER 50~120 U" NI |
| 3   | Spring    | 1    | SUS 304  | /                             |
| 4   |           |      |          |                               |



NOTES:

- Electrical
  - .Rated Current & Voltage : DC 12 V ; 3A
  - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .Full store: 1.70 mm
  - .Working Store: 1.00 mm
  - .Spring Force: 60gf~85gf at Working Height
  - .Durability:30,000 cycles(minimum)
- Environmental
  - .Operating Temperature: -30°C~+85°C
  - .Humidity Range: 10%RH~90%RH
  - .Salt Spray: 48 Hours
- When the current is greater than 1A then need to increase the time delay circuit(3 second)
- To avoid arcing issue, The adaptor start to power supply after connector mated fully.
- To ensure the best usage,please operate it based on the working height.
- .RoHs&HF compliant product.

|          |        |             |                     |      |     |               |           |  |  |
|----------|--------|-------------|---------------------|------|-----|---------------|-----------|--|--|
| DRAWN    | lys    | DATE        | 2021.03.23          |      |     | 东莞市燊瑞电子科技有限公司 |           |  |  |
| CHECKED  |        | SCALE       | 10:1                | VER. | B.0 |               |           |  |  |
| APPROVED |        | TITLE       | pogo pin connector. |      |     | Ang:          | Dim:      |  |  |
| PROJECT  |        | DRAWING NO. | NC3012-01A          |      |     | 0 ±1°         | 0 ±0.15   |  |  |
| SHEET    | 1 of 1 | UNIT        | mm                  |      |     | .0 ±0.5°      | .0 ±0.10  |  |  |
|          |        |             |                     |      |     | .00 ±0.25°    | .00 ±0.05 |  |  |

| VER. | DESCRIPTION | ECN NO. | DATE |
|------|-------------|---------|------|
|      |             |         |      |