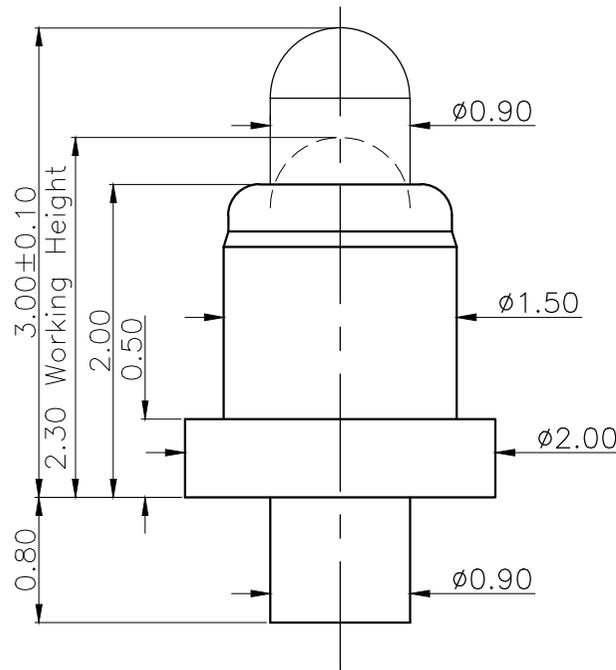
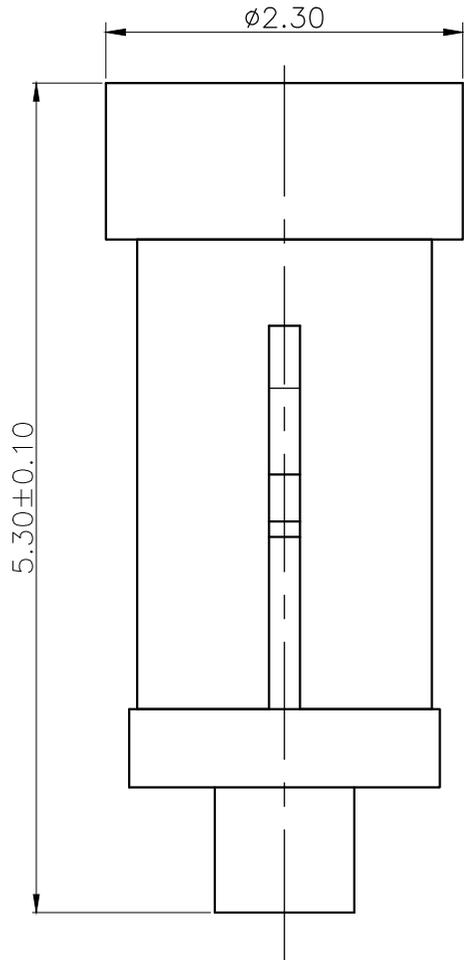


Please Approve this Drawing

Date

Signature

| NO. | Part Name | Q'TY | Material                    | Plated surface                |
|-----|-----------|------|-----------------------------|-------------------------------|
| 1   | Plunger   | 1    | HBI59                       | Au 3u" Min. OVER 50~120 U" NI |
| 2   | Barrel    | 1    | HBI59                       | Au 3u" Min. OVER 50~120 U" NI |
| 3   | Spring    | 1    | SUS 304                     | Au 1u" Min.                   |
| 4   | CAP       | 1    | High temp.Plastic; UL94 V-0 | Color Black                   |



NOTES:

- Electrical
  - .Rated Current & Voltage : DC 5 V ; 1.0A
  - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .Full store: 0.90 mm
  - .Working Store: 0.70 mm
  - .Spring Force: 25gf $\pm$ 5gf at Working Height
  - .Durability:10,000 cycles(minimum)
- Environmental
  - .Operating Temperature:  $-30^{\circ}\text{C} \sim +85^{\circ}\text{C}$
  - .Humidity Range: 10%RH $\sim$ 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    | LX     | DATE        | 2020.10.10          |      |     |
| CHECKED  |        | SCALE       | 10:1                | VER. | B.0 |
| APPROVED |        | TITLE       | pogo pin connector. |      |     |
| PROJECT  |        | DRAWING NO. | NC2361-01R          |      |     |
| SHEET    | 1 of 1 | UNIT        | mm                  |      |     |

**Proma** Dongguan Promax Electronics Technology Co., Ltd

Ang:                      Dim:

|     |                    |     |            |
|-----|--------------------|-----|------------|
| 0   | $\pm 1^{\circ}$    | 0   | $\pm 0.15$ |
| .0  | $\pm 0.5^{\circ}$  | .0  | $\pm 0.10$ |
| .00 | $\pm 0.25^{\circ}$ | .00 | $\pm 0.05$ |

|      |             |                |          |
|------|-------------|----------------|----------|
| B.0  |             | ECN-20201010-2 | 20201010 |
| VER. | DESCRIPTION | ECN NO.        | DATE     |