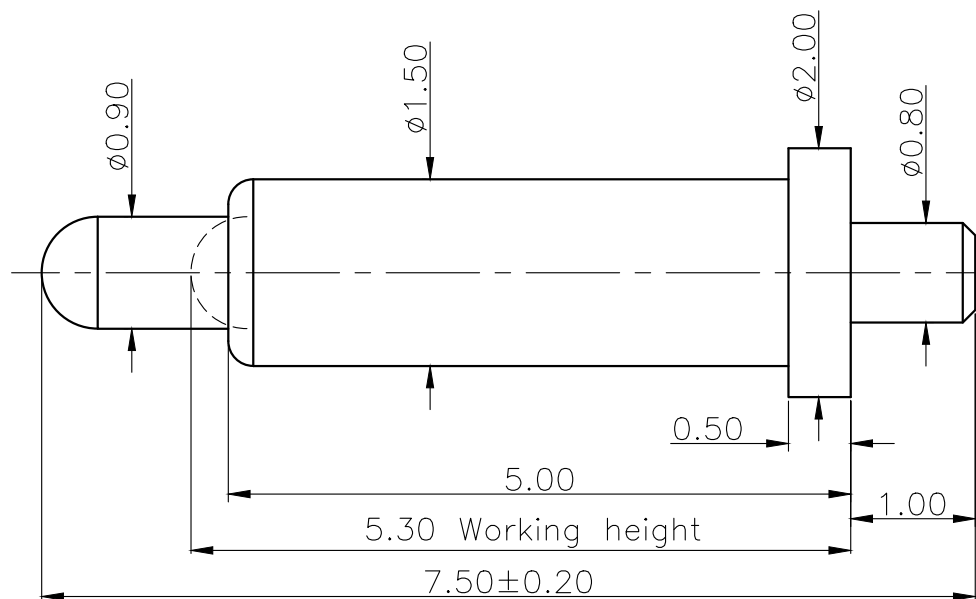


|                             |  |
|-----------------------------|--|
| Please Approve this Drawing |  |
| Date                        |  |
| Signature                   |  |

| NO. | Part Name | Q'TY | Material | Plated surface                |
|-----|-----------|------|----------|-------------------------------|
| 1   | Plunger   | 1    | HBI59    | AU 10U" MIN OVER 50~100 U" NI |
| 2   | Barrel    | 1    | HBI59    | AU 5U" MIN OVER 50~100 U" NI  |
| 3   | Spring    | 1    | SUS 304  | N/A                           |



# NOTES:

- Electrical
  - .Rated Current & Voltage : DC 12 V ; 2A Max.
  - .Contact Resistance: 100 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .Full store: 1.4 mm
  - .Working Store: 1.20 mm
  - .Spring Force: 120gf±20gf at Working Height
  - .Durability:20,000 cycles(minimum)
- 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    | ZYH                                                                                   | DATE        | 2022.05.07  |      |     |  | Dongguan Promax Electronics Technology Co., Ltd |  |
| CHECKED  |                                                                                       | SCALE       | 10:1        | VER. | A.0 |                                                                                       |                                                 |  |
| APPROVED |                                                                                       | TITLE       | PoGo Pin    |      |     | Ang:                                                                                  | Dim:                                            |  |
| PROJECT  |  | DRAWING NO. | NC4668-01PA |      |     | 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 |
|------|-------------|---------|------|
|------|-------------|---------|------|