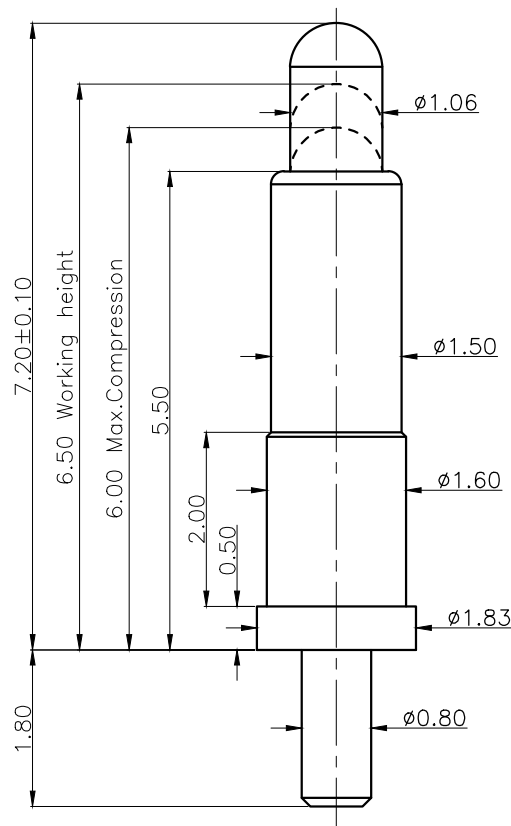
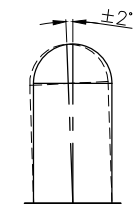
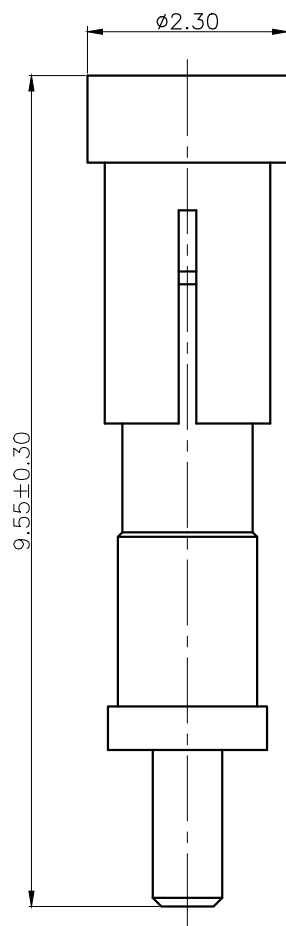


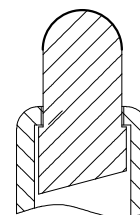
|                             |  |
|-----------------------------|--|
| Please Approve this Drawing |  |
| Date                        |  |
| Signature                   |  |



| NO. | Part Name | Q'TY | Material                    | Plated surface                     |
|-----|-----------|------|-----------------------------|------------------------------------|
| 1   | Plunger   | 1    | HBi59                       | Au 20u" Min. OVER 50~120U" Min. NI |
| 2   | Barrel    | 1    | HBi59                       | Au 20u" Min. OVER 50~120U" Min. NI |
| 3   | Spring    | 1    | SUS 304                     | Au 1u" Min. OVER NI                |
| 4   | CAP       | 1    | High temp.Plastic; UL94 V-0 | Color Black                        |

#### NOTES:

- Electrical
  - .Rated Current & Voltage : DC 12 V ; 2A
  - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .Full store: 1.20 mm
  - .Spring Force : 100gf±20gf at Working Height
  - .Durability:20,000 cycles(minimum)
- Environmental
  - .Operating Temperature: -55°C~+125°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    | LX                                                                                    | DATE        | 2022.09.06  |          |  Dongguan Promax Electronics Technology Co., Ltd |           |
| CHECKED  | Lys                                                                                   | SCALE       | 10:1        | VER. A.0 |                                                                                                                                       |           |
| APPROVED | Sunny                                                                                 | TITLE       | POGO PIN    |          | Ang:                                                                                                                                  | Dim:      |
| PROJECT  |  | DRAWING NO. | NC5136-01RA |          | 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 |
|------|-------------|---------|------|
|      |             |         |      |