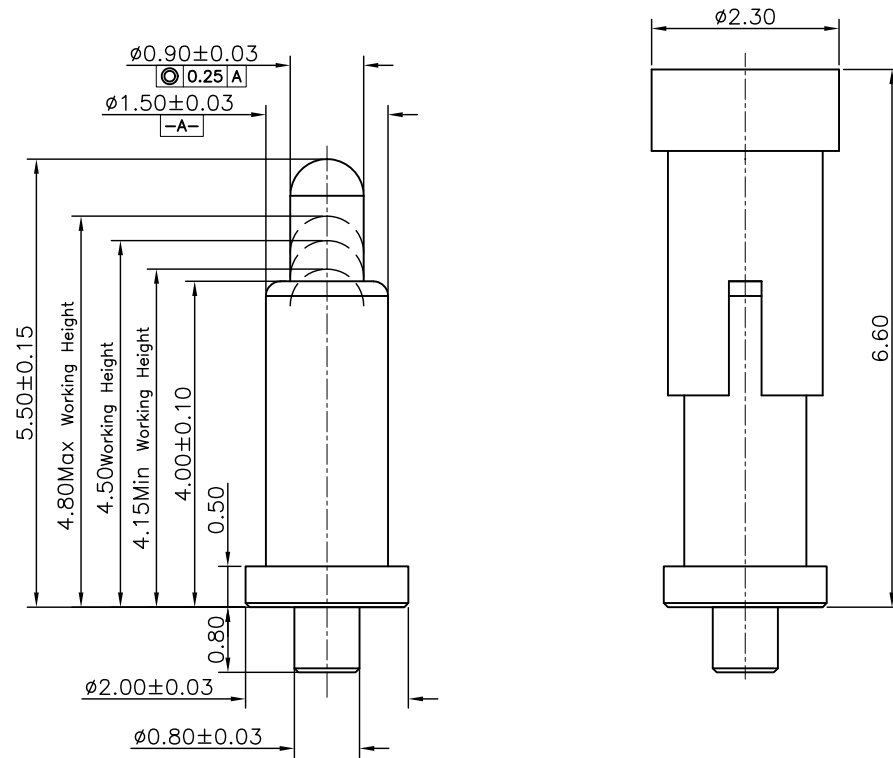
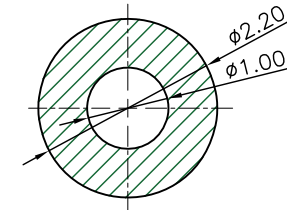


|      |         |                  |          |
|------|---------|------------------|----------|
| REV. | ECN NO. | REVISION RECORD  | DATE     |
| 01   | ECN-NO  | INITIAL RELEASED | 20201130 |

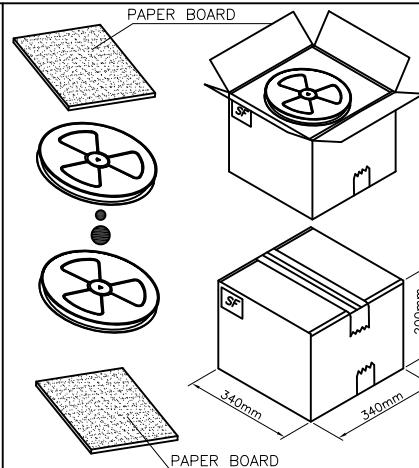
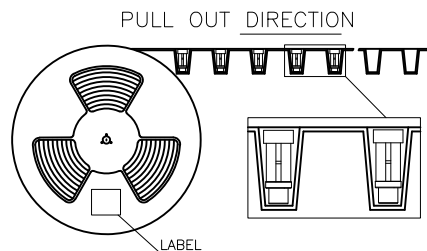
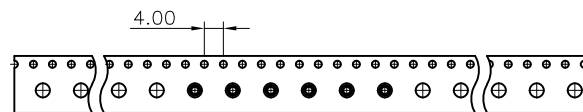


NOTE:

1. Electrical:
  - 1.1. Rated voltage:AC/DC12V.
  - 1.2. Rated current:1A Max.
  - 1.3. Contact resistance: 100 mohm maximum at working height(quiescence)
2. Mechanical:
  - 2.1. Force:30±10gf at Normal Working Height
  - 2.2. Durability:10,000 cycles (minimum)
3. Environment:
  - 3.1. Temperature range: -20 to 85 degrees
  - 3.2. Salt Spray: 48h Min
  - 3.3. Wave solder:The temperature of the solder shall be 260±5 °c and immersion duration 5s.
  - 3.4. RoHS & HF compliant.
4. Please operate it based on the working height Based on the engineering drawings,shall not exceed the maximum allowed compression



RECOMMENDED PCB LAYOUT(TOP VIEW)  
DEFAULT TOLERANCE:±0.05



| 4   | CAP       | 1    | High temp Plast      | Black,UL94 V-0                                     |
|---|-----------|------|----------------------|--|
| 3   | Body      | 1    | Leaded free Brass    | Au plating 1u" min over all<br>NI plating 50u" min |
| 2   | Plunger   | 1    | Leaded free Brass    | Au plating 3u" min over all<br>NI plating 50u" min |
| 1   | Spring    | 1    | Stainless steel wire | -----  |
| Item  | Part Name | Q'TY | Material             | Finish   |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSION ARE IN MILLIMETERS<br>TOLERANCE ARE :<br>FRACTION DECIMALS ANGLES |           |      |                      |  |
| .X  | ±0.15     | X.*  | ±8°                  | DRAWN Mike TITLE: POGO PIN                         |
| .XX   | ±0.10     | .X*  | ±5.0°                |  |
| .XXX  | ±0.05     | .XX* | ±2.0°                |  |
|   |           |      | CHECKED              | Evan Pei PART NO: CNH15055-A03R-00255              |
|   |           |      | APPROVED             | Evan Pei DRAWING NO: CNH00255R                     |
| Scale: 1:1  |           |      | CONFIDENTIAL         |  |
| Unit: mm  |           |      | Page: 1/1            | Rev: 02  |

Shenzhen Chunni Electronics Co. Ltd.