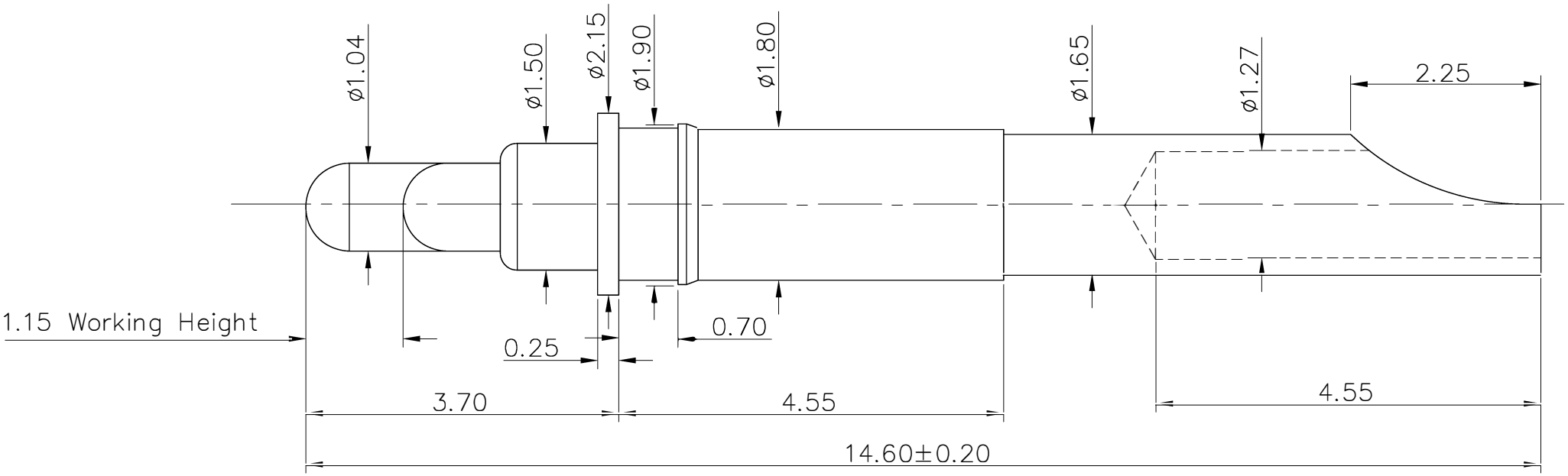
| Please Approve this Drawing | |
|---|---|
| Date | |
| Signature | |

| NO. | Part Nome | Q'TY | Material | Plated surface |
|---|---|---|---|---|
| 1 | Plunger | 1 | C3604 | AU 20 U" MIN OVER 50~100 U" NI |
| 2 | Barrel | 1 | C3604 | AU 20 U" MIN OVER 50~100 U" NI |
| 3 | Spring | 1 | SUS304 | N/A |
| 4 | Ball | 1 | SUS 304 | ø1.20MM Au 10u" |




NOTES:

1. Electrical
   - .Rated Current & Voltage : DC 12 V ; 3.0A
   - .Contact Resistance: 30 mohm maximum at Working Height(Quiescence)
2. Mechanical
   - .Full store: 2.20 mm
   - .Working Store: 1.15 mm
   - .Spring Force: 60gf±15gf at Normal Working Height
   - .Durability: 10,000 cycles(minimum)
3. Environmental
   - .Operating Temperature: −25°C~+85°C
   - .Humidity Range: 10%RH~90%RH
   - .Salt Spray: 48 Hours
4. Part To Be Free Form Manufacturing Lubricants.
5. When the current is greater than 1A then need to increase the time delay circuit(3 second)
6. To avoid arcing issue, The adaptor start to power supply after connector mated fully.
7. To ensure the best usage,please operate it based on the working height.
8. .RoHs&HF compliant product.

| | | | | | |
|---|---|---|---|---|---|
| DRAWN | Roy | DATE | 2016.09.13 | | |
| CHECKED | | SCALE | 10:1 | VER. | B.0 |
| APPROVED | | TITLE | Pogo pin | | |
| PROJECT | | DRAWING NO. | C509−01 | | |
| SHEET | 1 of 1 | UNIT | mm | | |

Dongguan Promax Electronics Technology Co., Ltd

| Ang: | | Dim: | |
|---|---|---|---|
| 0 | ±1° | 0 | ±0.15 |
| .0 | ±0.5° | .0 | ±0.10 |
| .00 | ±0.25° | .00 | ±0.05 |