

MODEL: CPG-55-SMT-B | DESCRIPTION: POGO PIN

FEATURES

- pogo pin
- surface mount
- gold plated
- 4.5 mm height



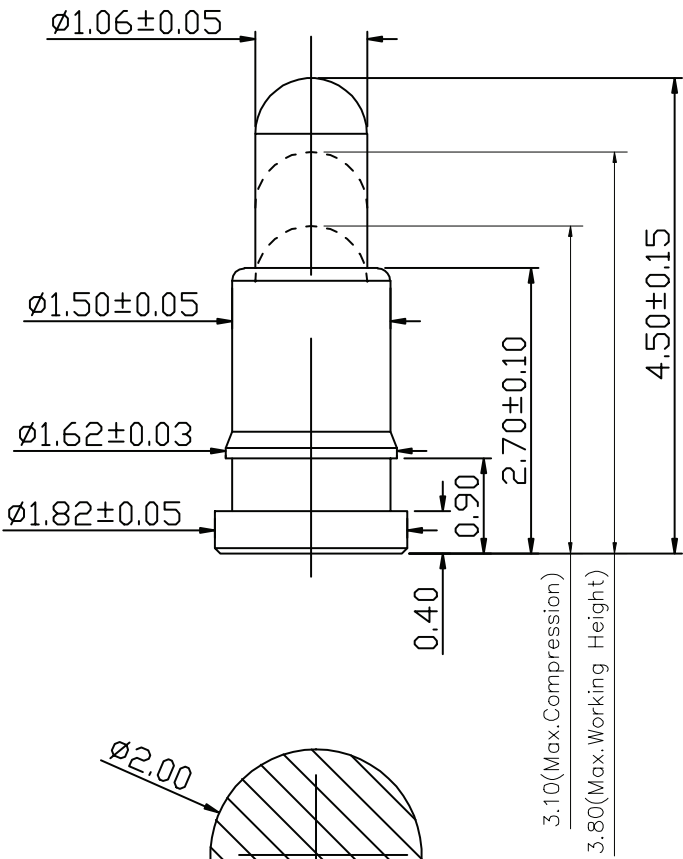
SPECIFICATIONS

| parameter             | conditions/description | min     | typ | max | units  |
|-----------------------|------------------------|---------|-----|-----|--------|
| rated voltage         |                        |         |     | 12  | Vdc    |
| rated current         |                        |         |     | 1   | A      |
| contact resistance    | at working height      |         |     | 30  | mΩ     |
| force                 | at working height      | 60      | 80  | 100 | g      |
| mid stroke            |                        |         | 0.7 |     | mm     |
| full stroke           |                        |         | 1.4 |     | mm     |
| working height        |                        |         | 3.8 |     | mm     |
| life                  |                        | 100,000 |     |     | cycles |
| operating temperature |                        | -40     |     | 85  | °C     |
| RoHS                  | yes                    |         |     |     |        |

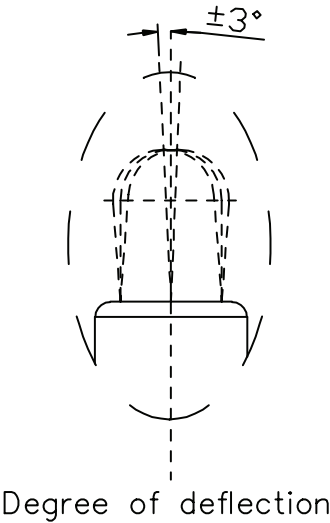
MECHANICAL DRAWING

units: mm  
tolerance:  
X≤10: ±0.10 mm  
10<X≤20: ±0.15 mm  
PCB: ±0.05 mm  
unless otherwise noted

| DESCRIPTION | MATERIAL         | PLATING/COLOR                           |
|-------------|------------------|-----------------------------------------|
| barrel      | lead-free copper | 10 μ" min gold over<br>50~120 μ" nickel |
| plunger     | lead-free copper | 10 μ" min gold over<br>50~120 μ" nickel |
| spring      | SUS304           | 3 μ" gold                               |



Recommended PCB Layout  
Top View



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