



MODEL: CPG-59-SMT-B | DESCRIPTION: POGO PIN

FEATURES

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



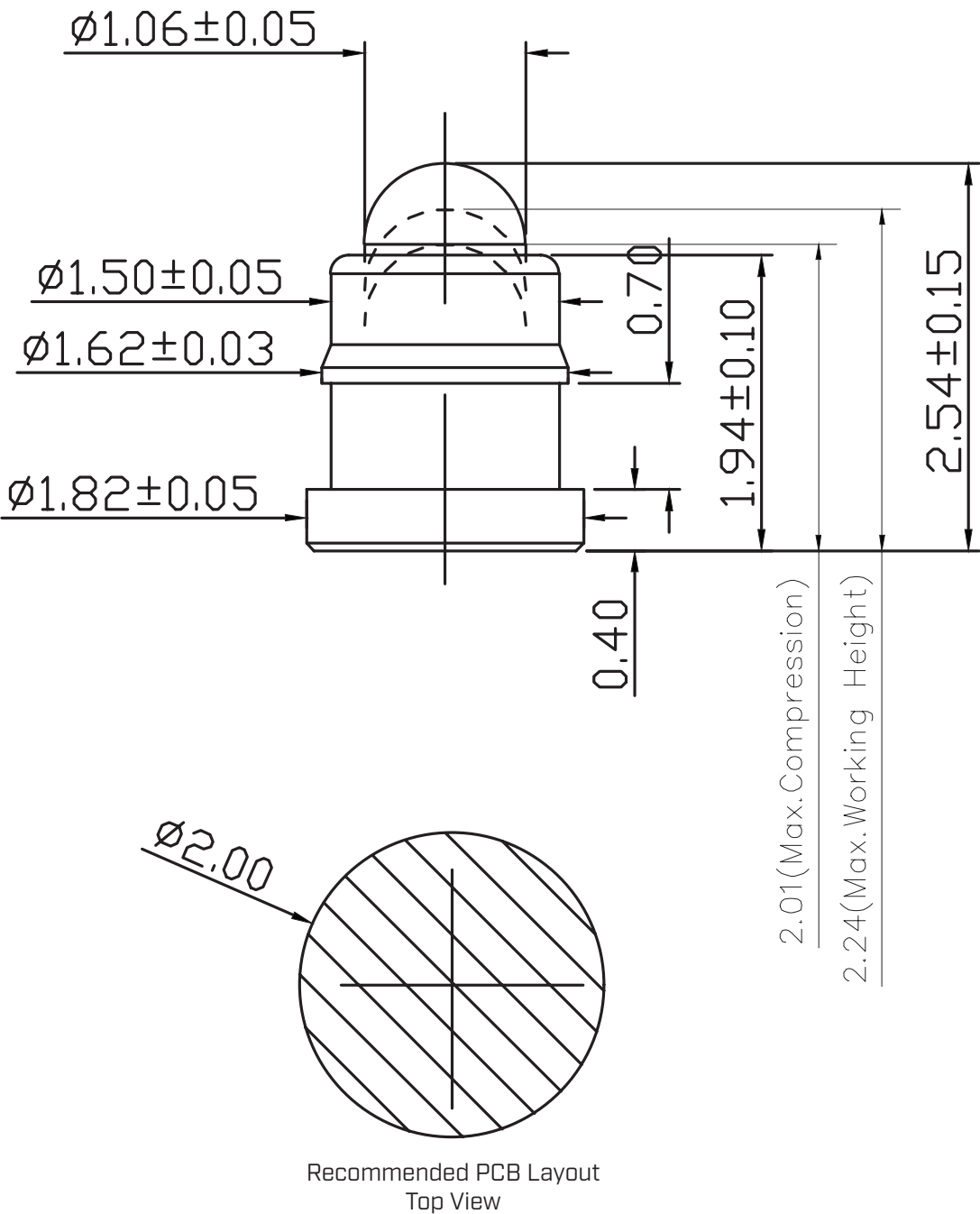
SPECIFICATIONS

| 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      | 40      | 60   | 80  | g      |
| mid stroke            |                        |         | 0.3  |     | mm     |
| full stroke           |                        |         | 0.53 |     | mm     |
| working height        |                        |         | 2.24 |     | 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                               |



REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 06/20/2025 |

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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