

MODEL: CPG-44-TH-TR | DESCRIPTION: POGO PIN

FEATURES

- pogo pin
- through hole
- gold plated



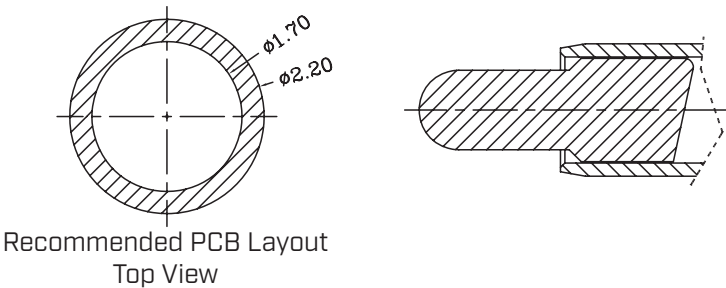
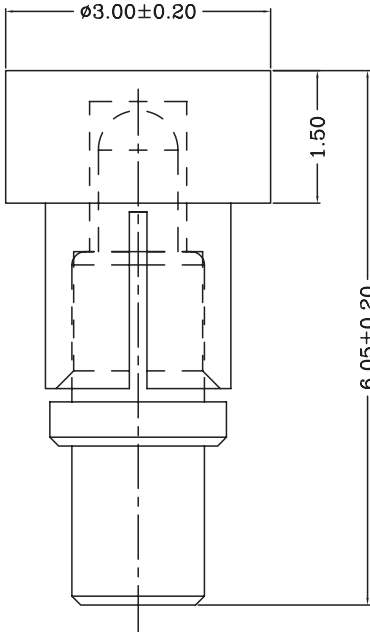
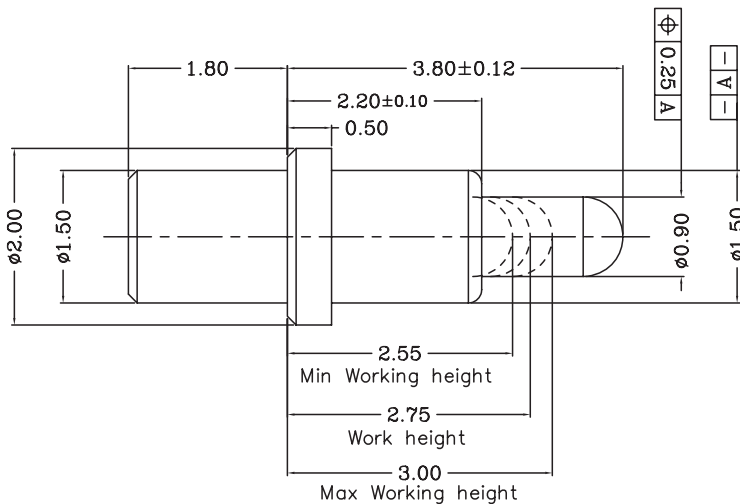
SPECIFICATIONS

| parameter             | conditions/description | min    | typ  | max | units  |
|-----------------------|------------------------|--------|------|-----|--------|
| rated voltage         |                        |        |      | 12  | Vdc    |
| rated current         |                        |        |      | 1   | A      |
| contact resistance    | at working height      |        |      | 50  | mΩ     |
| force                 | at minimum compression | 10     | 25   | 40  | gf     |
|                       | at working height      | 20     | 30   | 40  | gf     |
|                       | at maximum compression | 20     | 35   | 50  | gf     |
| mid stroke            |                        |        | 1.05 |     | mm     |
| full stroke           |                        |        | 1.25 |     | mm     |
| working height        |                        |        | 2.75 |     | mm     |
| life                  |                        | 20,000 |      |     | cycles |
| operating temperature |                        | -40    |      | 85  | °C     |
| RoHS                  | yes                    |        |      |     |        |

MECHANICAL DRAWING

units: mm  
tolerance:  
X.X: ±0.15 mm  
X.XX: ±0.10 mm  
PCB: ±0.05 mm  
unless otherwise noted

| DESCRIPTION | MATERIAL                        | PLATING/COLOR                                      |
|-------------|---------------------------------|----------------------------------------------------|
| barrel      | brass                           | 0.40 µm min gold<br>over 1.25~2.5 µm<br>min nickel |
| plunger     | brass                           | 0.75 µm min gold<br>over 1.25~2.5 µm<br>min nickel |
| spring      | stainless steel wire            | 0.05 µm min gold<br>over 1.25~2.5 µm<br>min nickel |
| cap         | high temp. plastic<br>(UL94V-0) | black                                              |

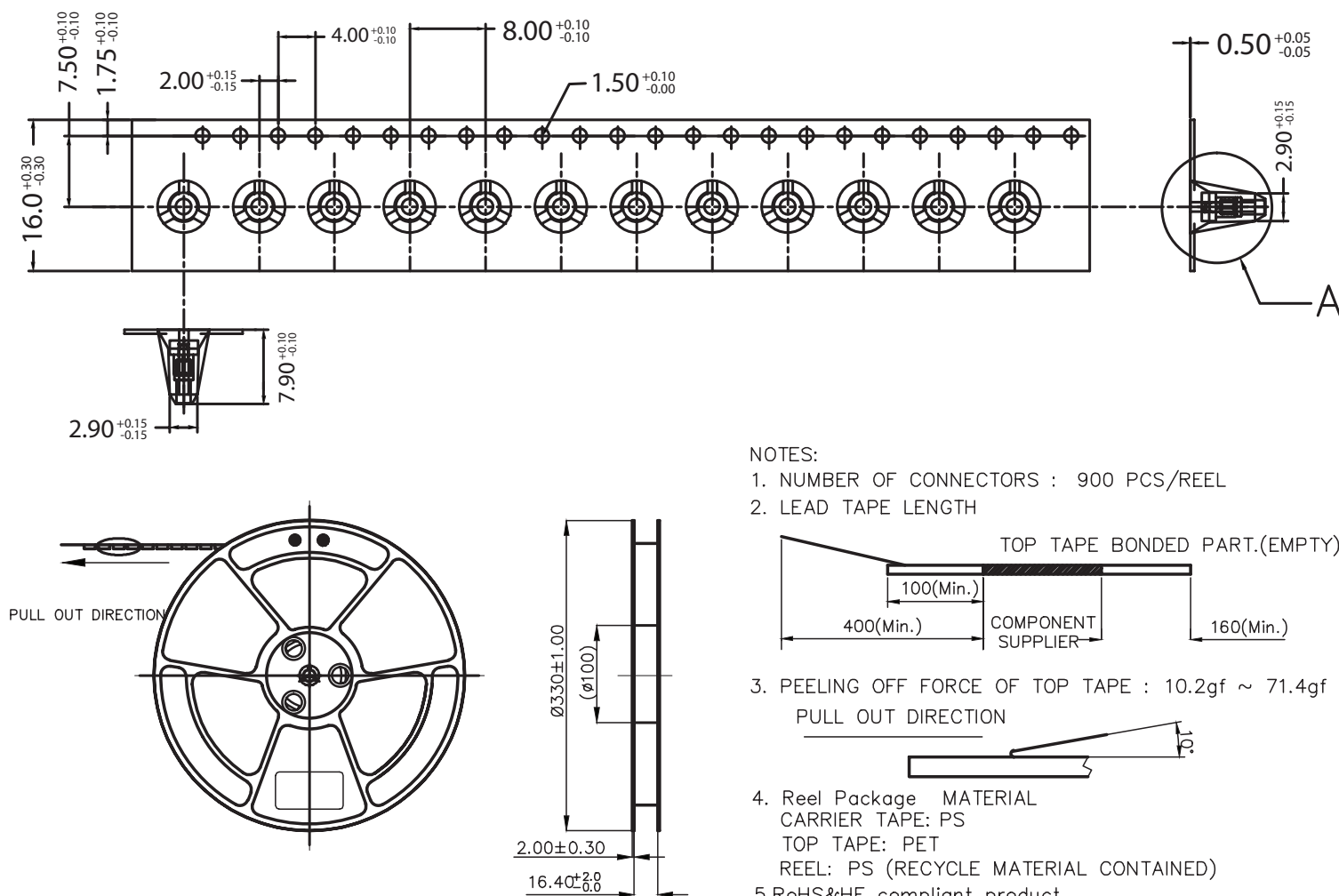


## PACKAGING

units: mm

Reel Size: Ø330 mm

Reel QTY: 900 pcs per reel



REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 11/06/2024 |

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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