

**MODEL:** CPG-04-TH-TR | **DESCRIPTION:** POGO PIN

**FEATURES**

- pogo pin
- through hole
- gold plated
- 5 mm recommended working height

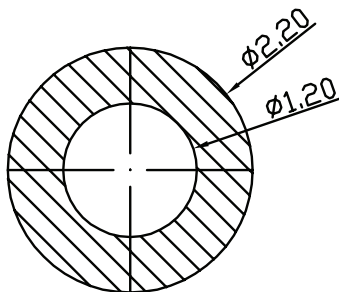
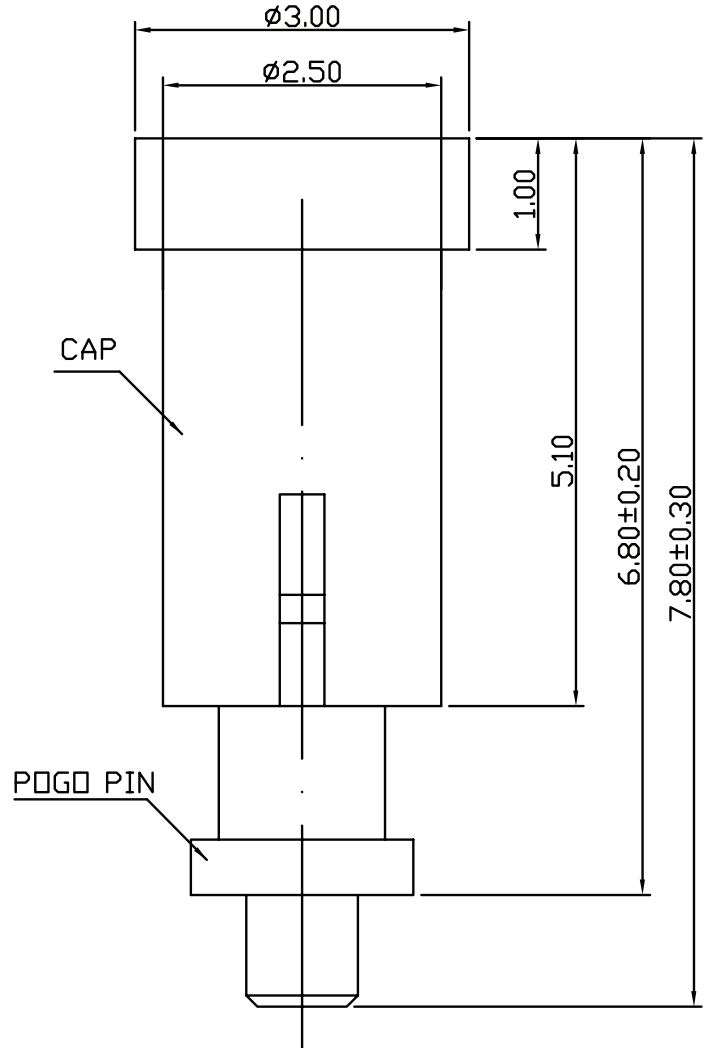
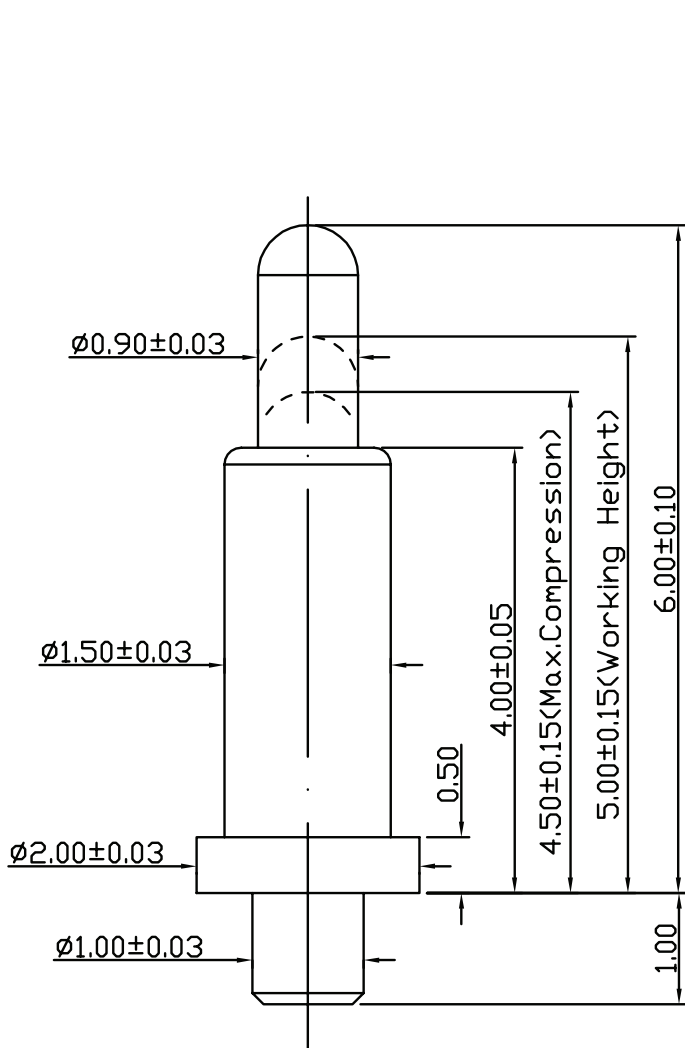

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				12	Vdc
rated current				2	A
contact resistance	at working height			30	mΩ
force at mid stroke	at working height	70	85	100	gf
initial force			120		gf
mid stroke			1		mm
full stroke			1.5		mm
working height			5		mm
life		10,000			cycles
operating temperature		-20		85	°C
RoHS	yes				

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 $X \leq 10$ :  $\pm 0.10$  mm  
 $10 < X \leq 20$ :  $\pm 0.15$  mm  
 PCB:  $\pm 0.05$  mm  
 unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
barrel	brass alloy	10 $\mu$ " min gold over 50-120 $\mu$ " nickel
plunger	brass alloy	20 $\mu$ " min gold over 50-120 $\mu$ " nickel
spring	SUS304	10 $\mu$ " min gold over 50-120 $\mu$ " nickel



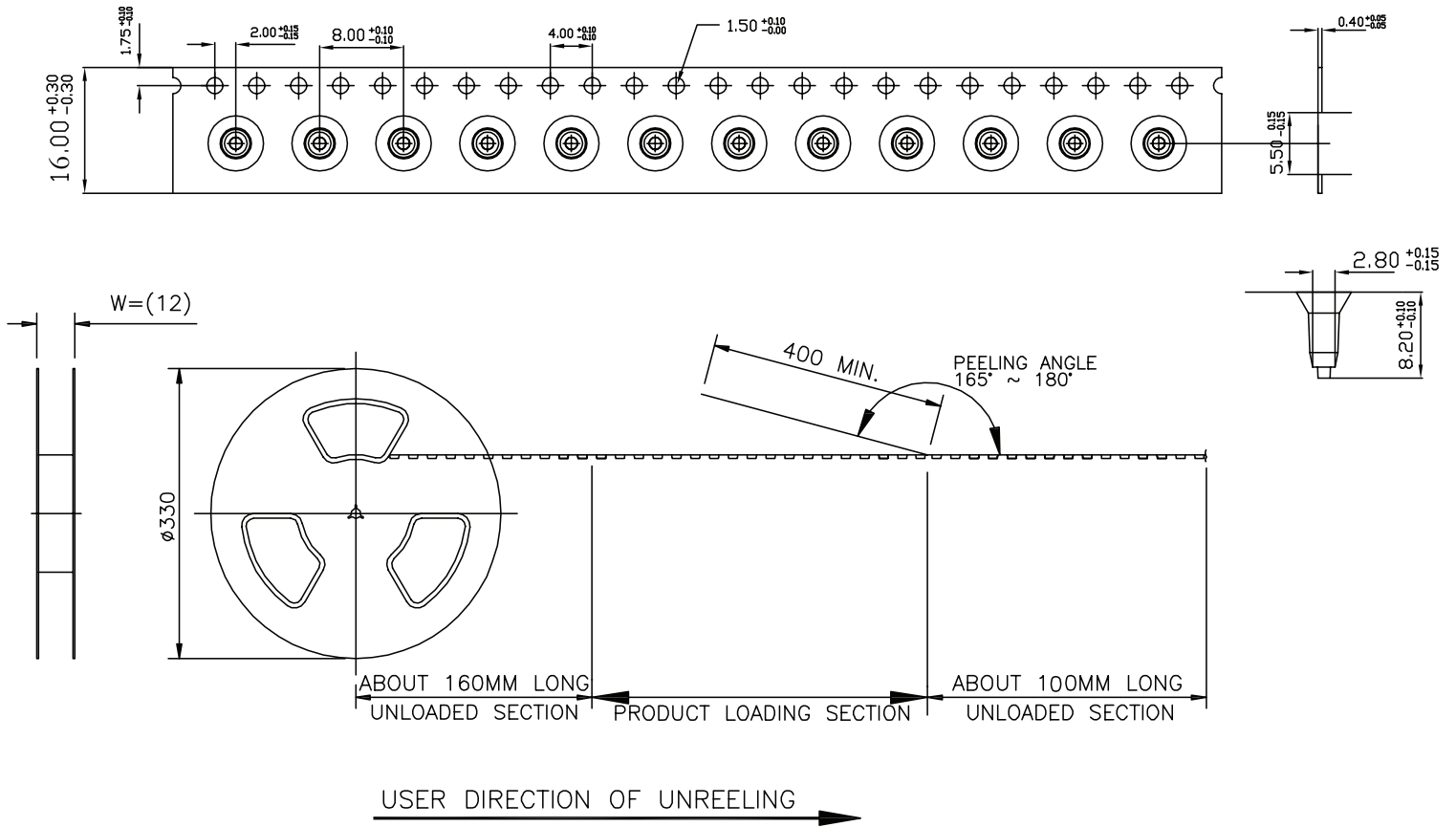
Recommended PCB Layout  
 Top View

## PACKAGING

units: mm

Reel Size:  $\varnothing 330$  mm

Reel QTY: 1,000 pcs per reel



## REVISION HISTORY

rev.	description	date
1.0	initial release	01/18/2024

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



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