

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

FEATURES

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



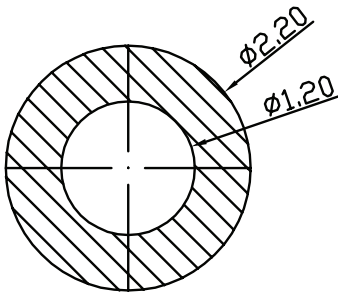
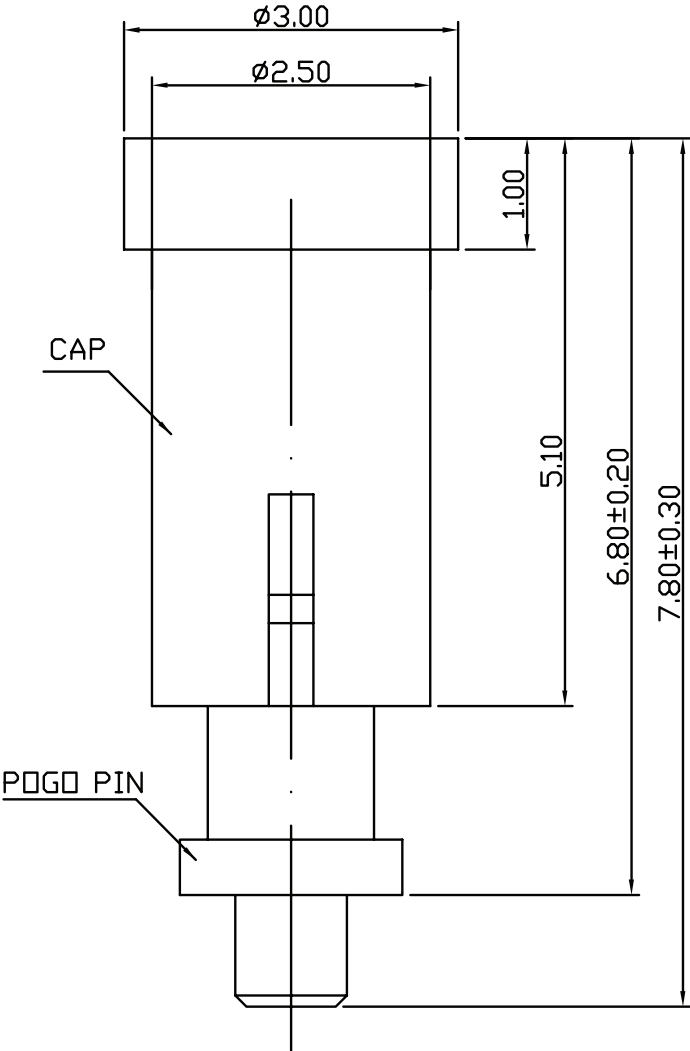
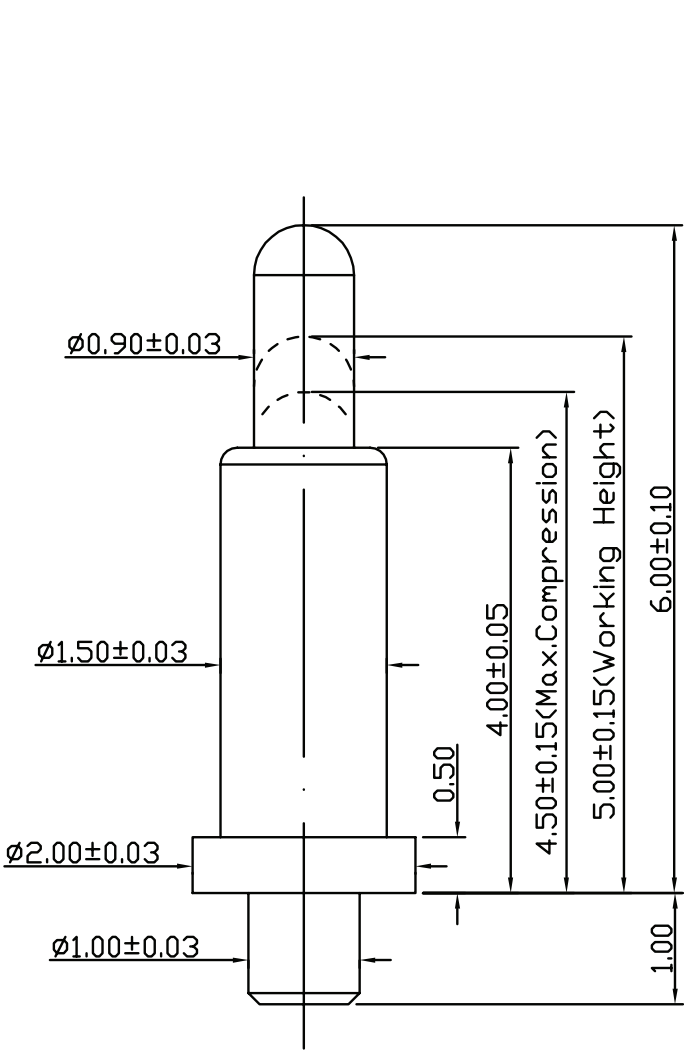
SPECIFICATIONS

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

DESCRIPTION	MATERIAL	PLATING/COLOR
barrel	brass alloy	10 μ" min gold over 50~120 μ" nickel
plunger	brass alloy	20 μ" min gold over 50~120 μ" nickel
spring	SUS304	10 μ" min gold over 50~120 μ" nickel



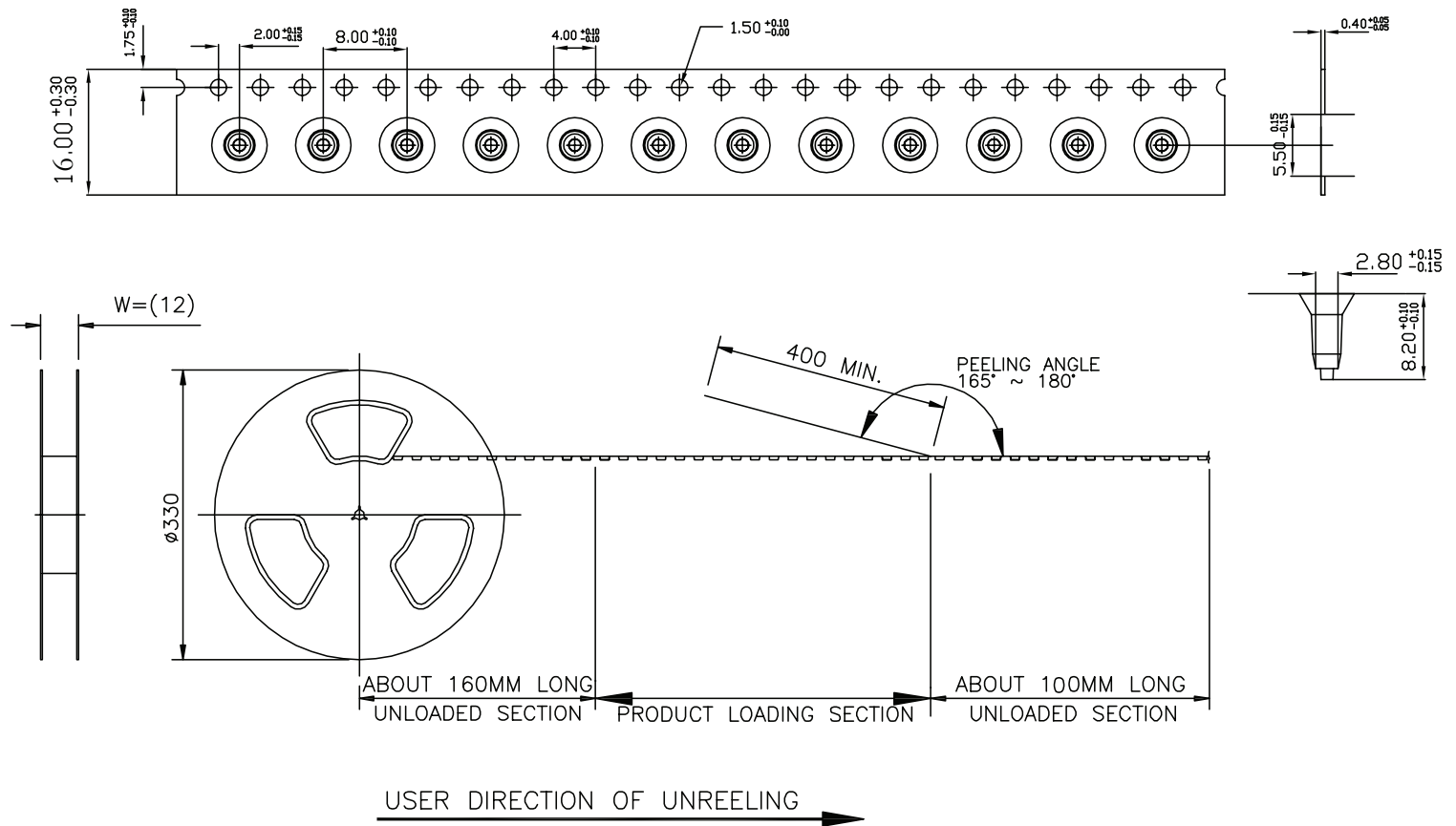
Recommended PCB Layout
Top View

PACKAGING

units: mm

Reel Size: Ø330 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.



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

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