

**MODEL:** CPG-03-TH-B | **DESCRIPTION:** POGO PIN

**FEATURES**

- pogo pin
- double end
- gold plated
- 4.2 mm recommended working height

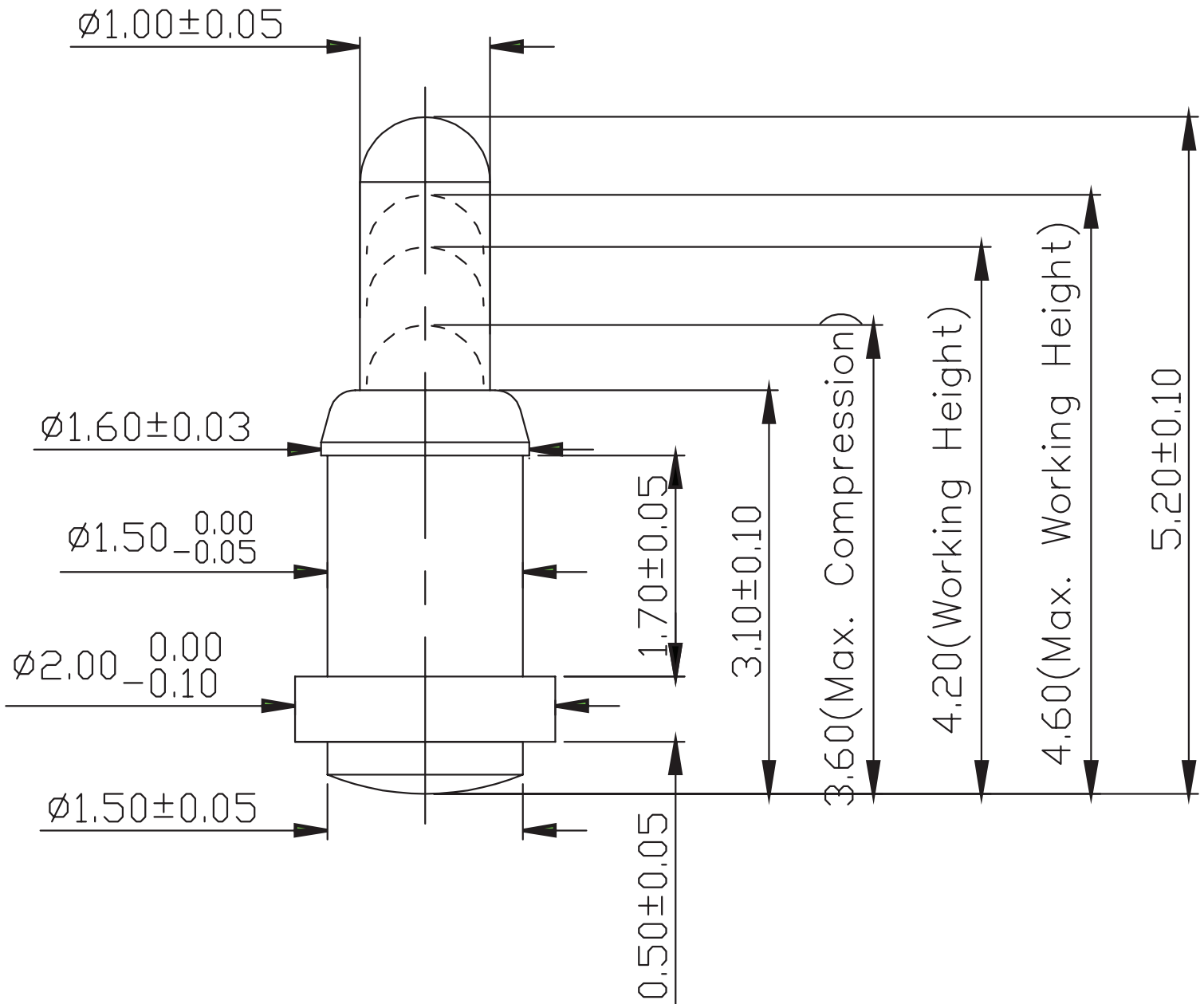

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				12	Vdc
rated current				1	A
contact resistance	at working height			50	mΩ
force at mid stroke	at working height	80	100	120	gf
initial force			75		gf
mid stroke			1		mm
full stroke			1.6		mm
working height			4.2		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  
 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	



## REVISION HISTORY

rev.	description	date
1.0	initial release	01/17/2024

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



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