

MODEL: CPG-07-TH-B | **DESCRIPTION:** POGO PIN

FEATURES

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

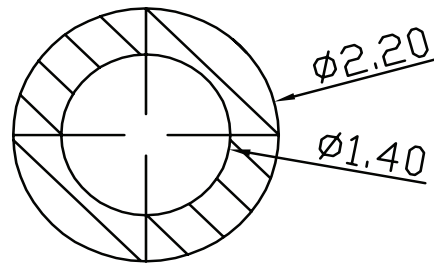
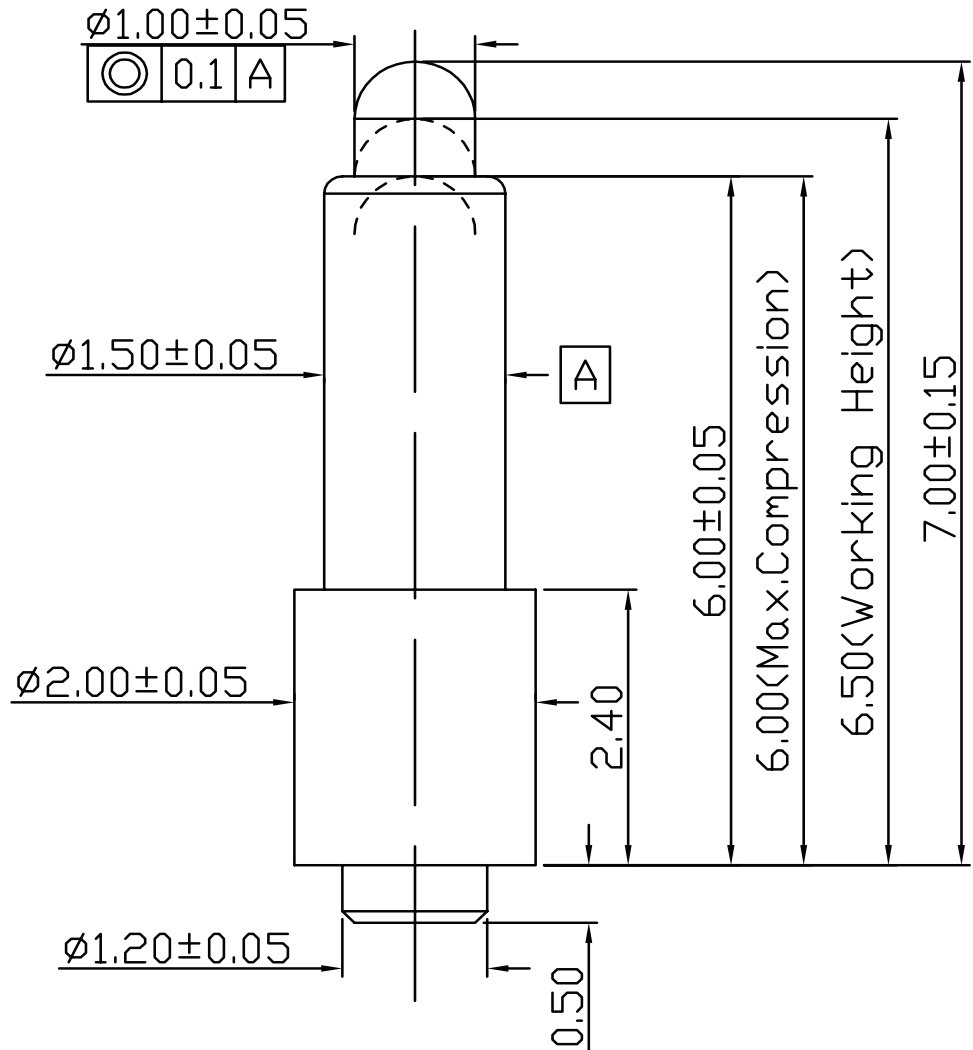

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				12	Vdc
rated current				3	A
contact resistance	at working height			50	mΩ
force at mid stroke	at working height	50	60	70	gf
initial force			40		gf
mid stroke			0.5		mm
full stroke			1		mm
working height			6.5		mm
life		10,000			cycles
operating temperature		-20		85	°C
RoHS	yes				

MECHANICAL DRAWING

units: mm
 tolerance:
 $X \leq 10$: ± 0.10 mm
 $10 < X \leq 20$: ± 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	



Recommended PCB Layout
 Top View

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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