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date 09/12/2024

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

#### **FEATURES**

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





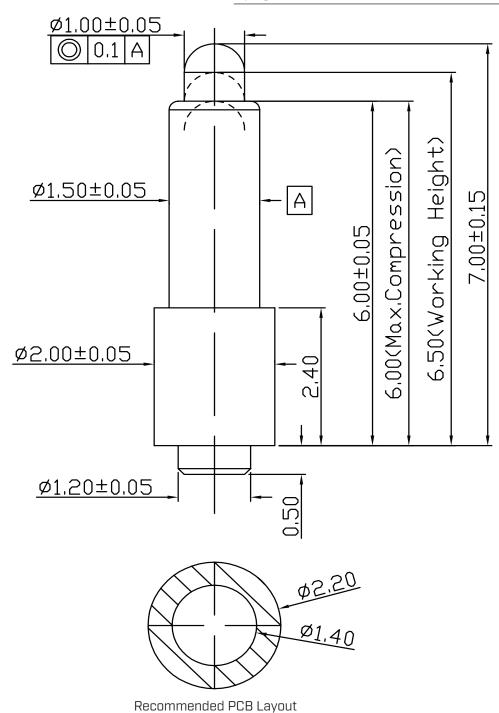
### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				12	Vdc
rated current				3	А
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≤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	



Top View

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### **REVISION HISTORY**

rev.	description	date
1.0	initial release	01/18/2024
1.01	CUI Devices rebranded to Same Sky	09/12/2024

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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