CUI Devices is now Same Sky! Learn More

MODEL: CPG-01-TH-B | DESCRIPTION: POGO PIN

FEATURES

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



RoHS

SPECIFICATIONS

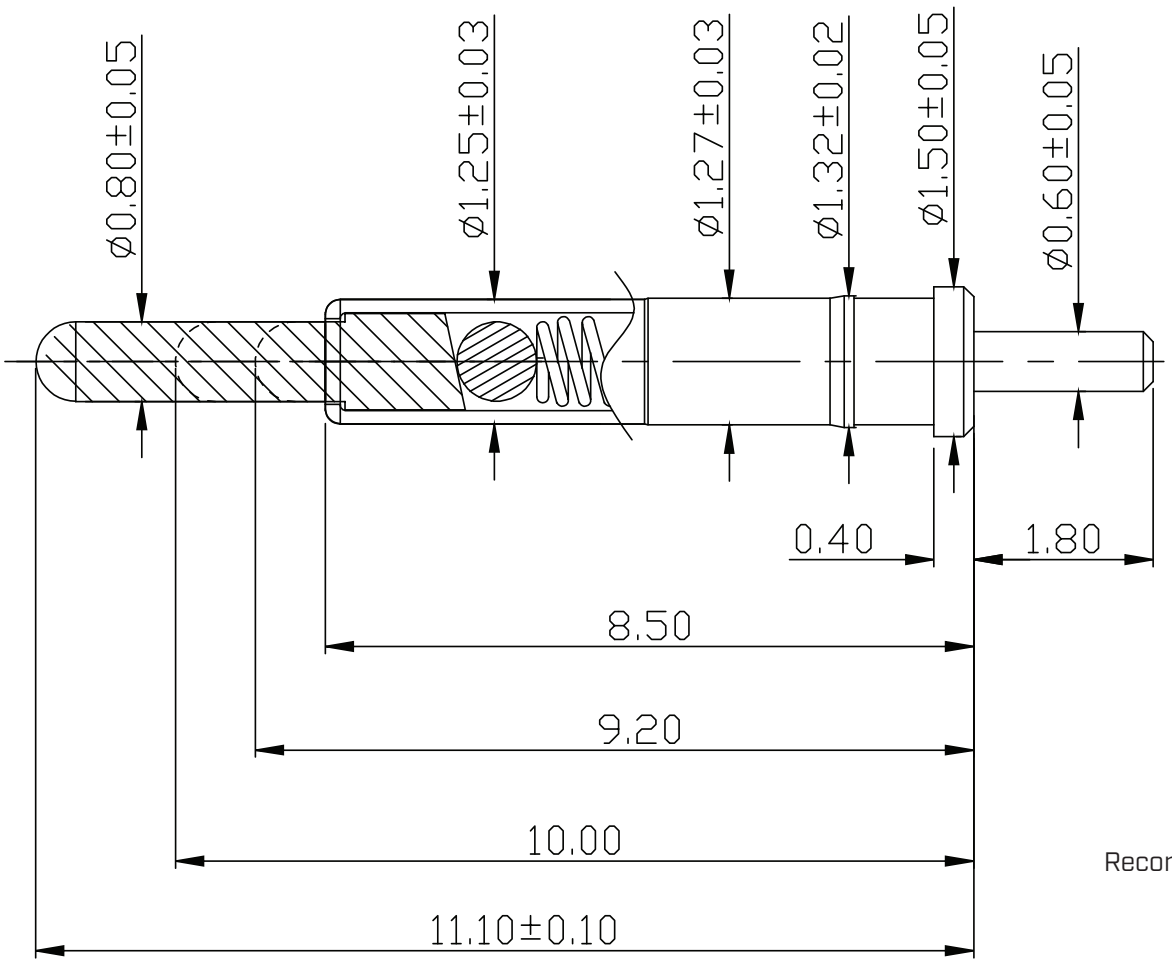
parameter	conditions/description	min	typ	max	units
rated voltage				12	Vdc
rated current				2	A
contact resistance	at working height			50	mΩ
force at mid stroke	at working height	80	100	120	gf
initial force			40		gf
mid stroke			1.1		mm
full stroke			1.9		mm
working height			10		mm
life		10,000			cycles
operating temperature		-20		85	°C
RoHS	yes				

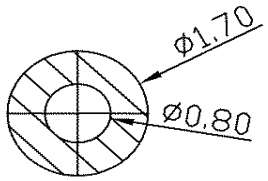
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MECHANICAL DRAWING

units: mm
tolerance:
X≤10: ±0.10 mm
10<X20: ±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	10 µ" min gold over 50~120 µ" nickel
spring	SUS304	





Recommended PCB Layout
Top View

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REVISION HISTORY

rev.	description	date
1.0	initial release	01/17/2024
1.01	CUI Devices rebranded to Same Sky	09/12/2024
1.02	reduced gold plating to 10 µ"	01/05/2026

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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