same sky

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

FEATURES
• pogo pin
• through hole
• gold plated
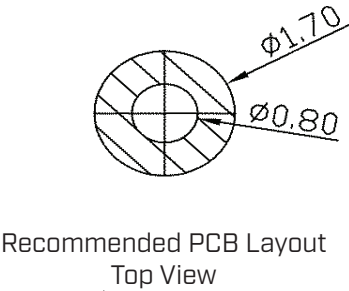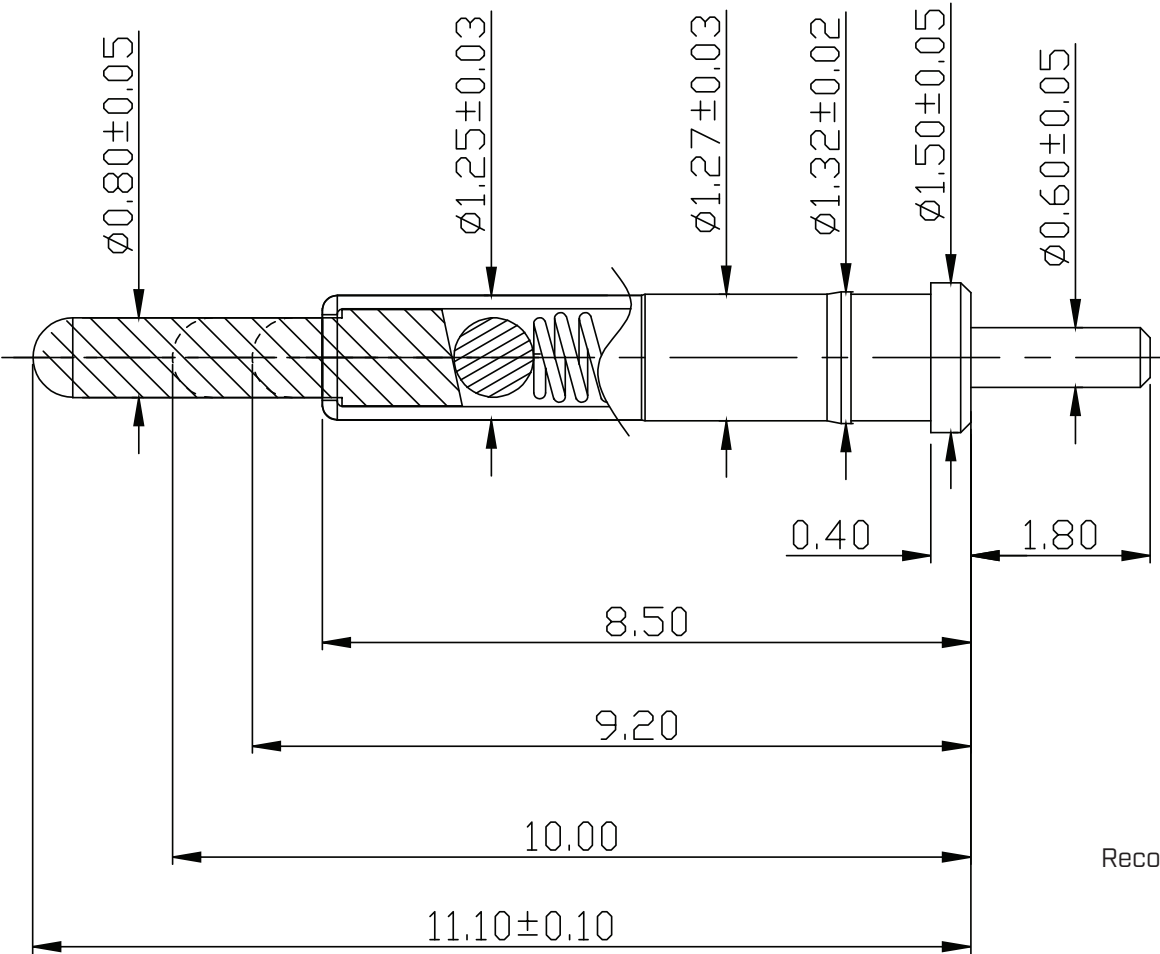• 10 mm recommended working height

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				

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	20 µ" min gold over 50~120 µ" nickel
spring	SUS304	

∅0.80±0.05
∅1.25±0.03
∅1.27±0.03
∅1.32±0.02
∅1.50±0.05
∅0.60±0.05

0.40
1.80
8.50
9.20
10.00
11.10±0.10

∅1.70
∅0.80

Recommended PCB Layout
Top View

REVISION HISTORY

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