

**MODEL:** CPG-08-TH-TR | **DESCRIPTION:** POGO PIN**FEATURES**

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

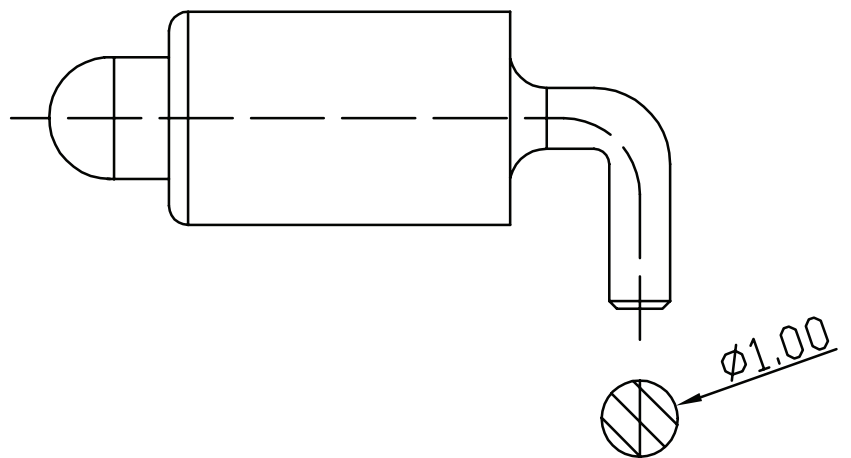
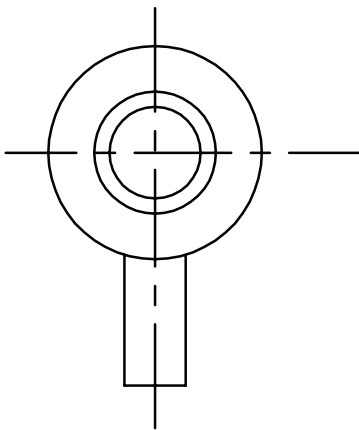
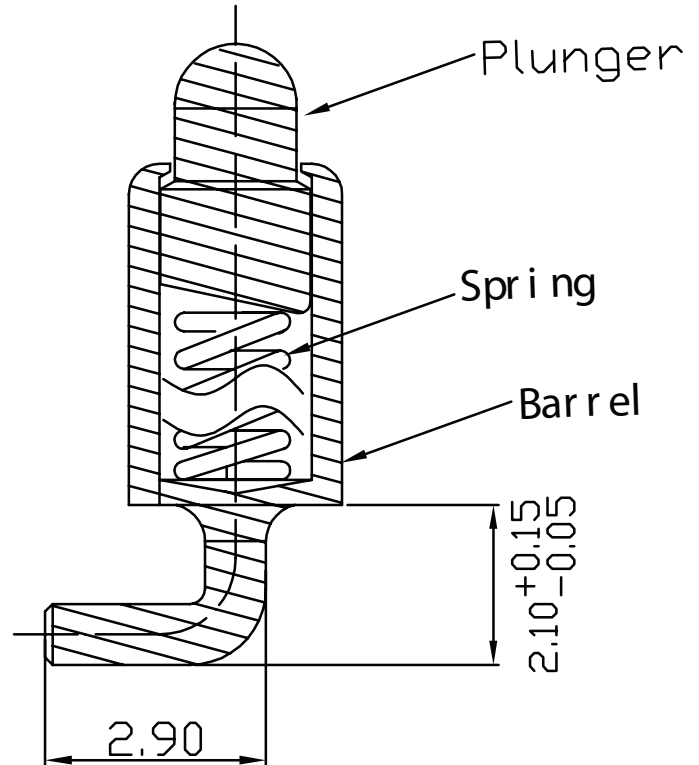
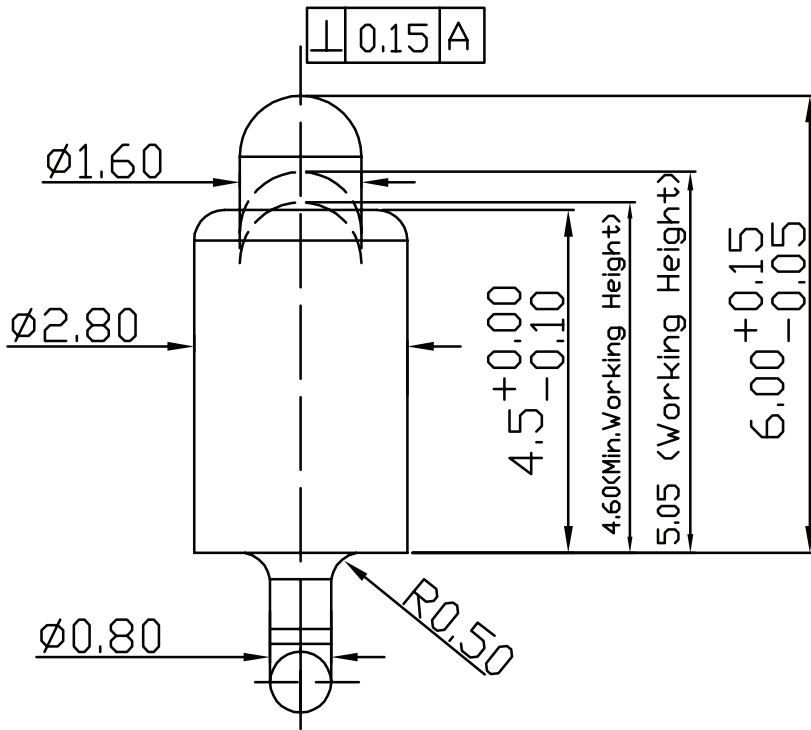
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				5	Vdc
rated current				3	A
contact resistance	at working height			30	mΩ
force at mid stroke	at working height	90	110	130	gf
initial force			65		gf
mid stroke			1		mm
full stroke			1.45		mm
working height			5.05		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  
 PCB:  $\pm 0.05$  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	10 $\mu$ " min gold over 50-120 $\mu$ " nickel



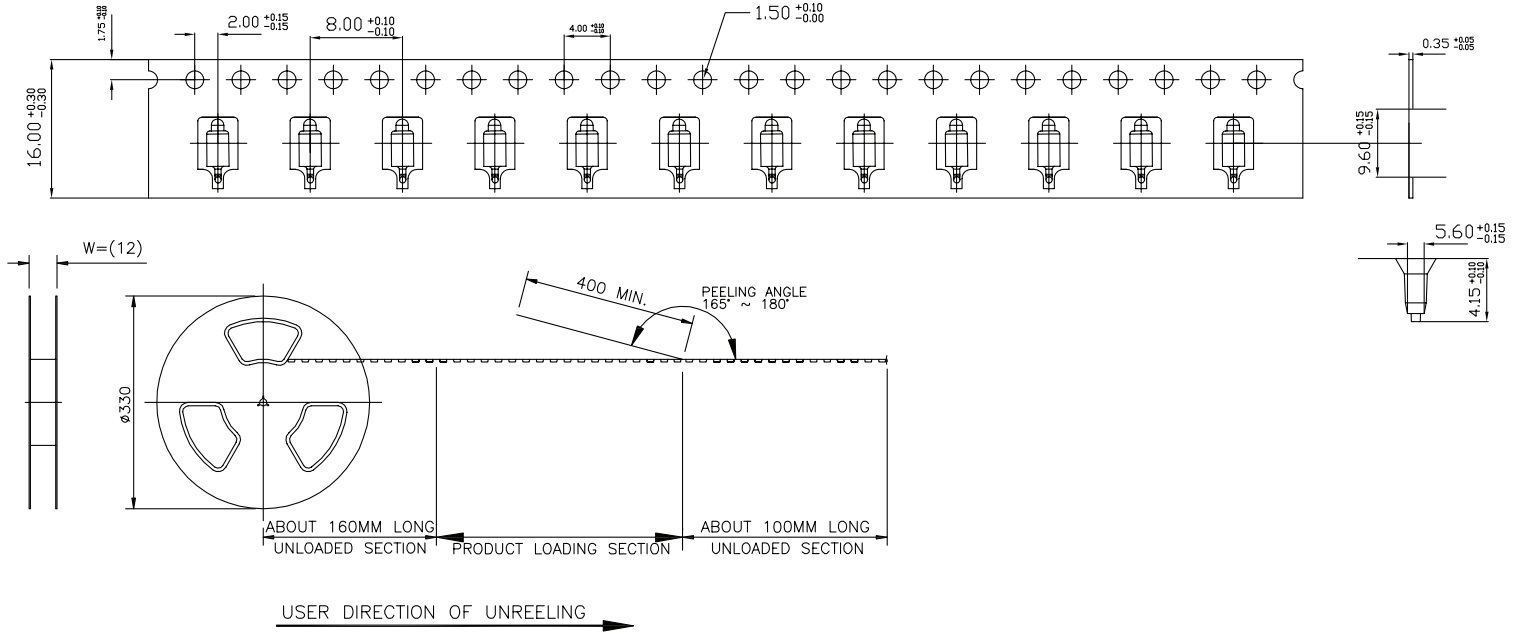
Recommended PCB Layout  
Top View

## PACKAGING

units: mm

Reel Size:  $\varnothing 330$  mm

Reel QTY: 1,200 pcs per reel



## 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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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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