

**MODEL:** CPG-53-SMT-TR | **DESCRIPTION:** POGO PIN**FEATURES**

- pogo pin
- surface mount
- gold plated
- 4.50 mm height

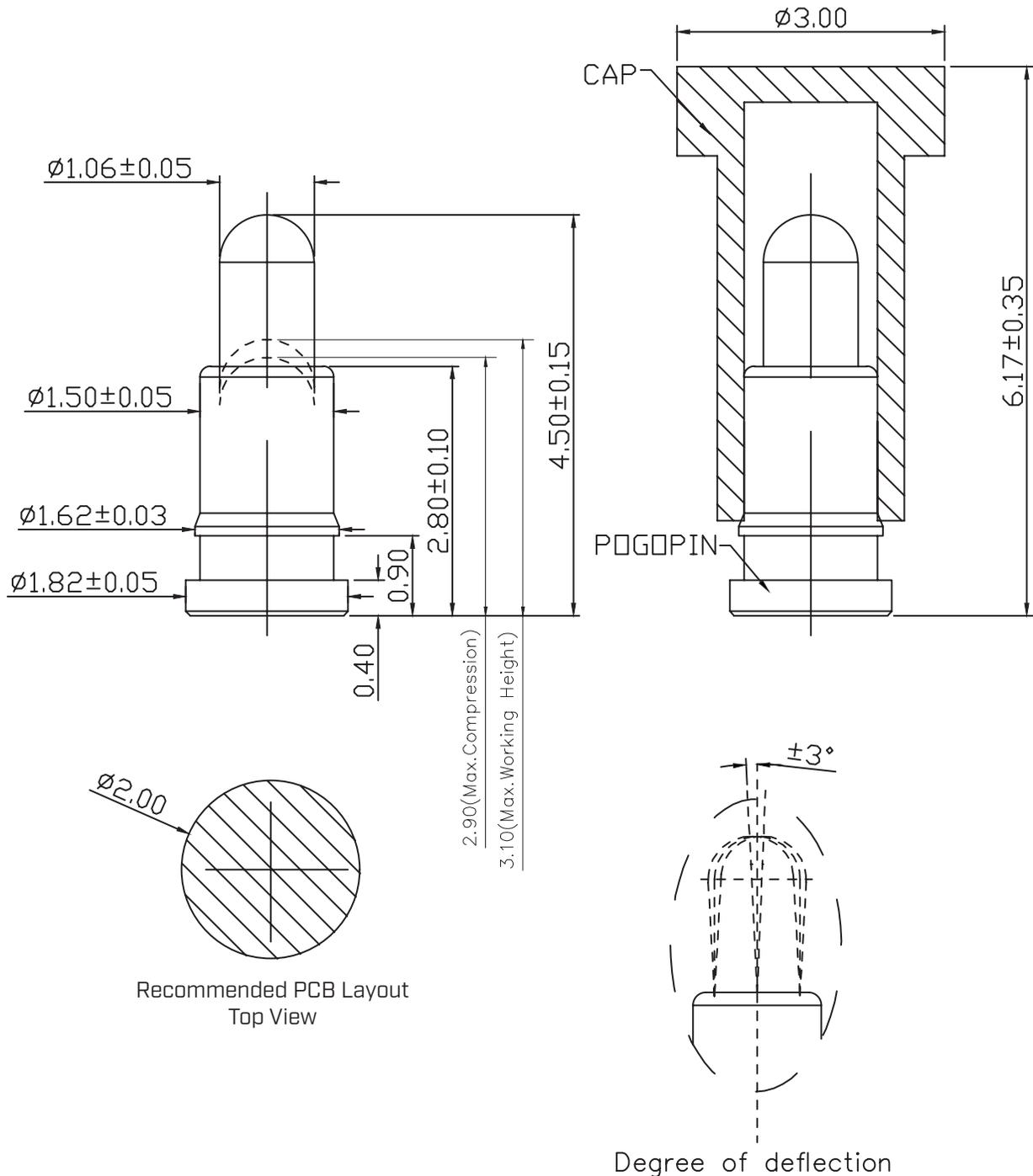
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				12	Vdc
rated current				1	A
contact resistance	at working height			30	mΩ
force	at working height	60	80	100	g
mid stroke			1.4		mm
full stroke			1.6		mm
working height			3.1		mm
life		100,000			cycles
operating temperature		-40		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	lead-free copper	10 $\mu$ " min gold over 50-120 $\mu$ " nickel
plunger	lead-free copper	10 $\mu$ " min gold over 50-120 $\mu$ " nickel
spring	SUS304	3 $\mu$ " gold
cap	PA46 (UL94V-0)	black

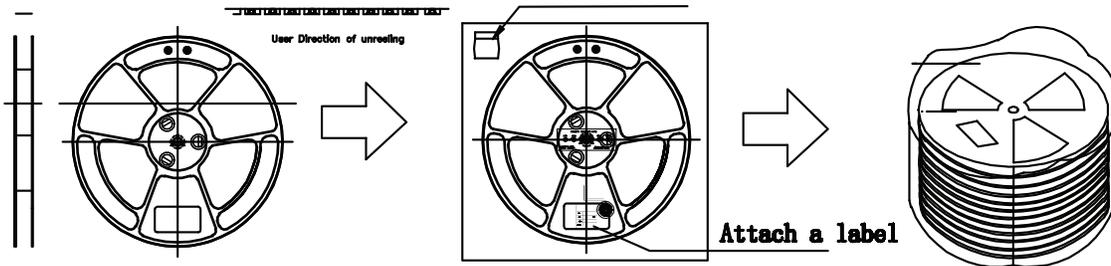
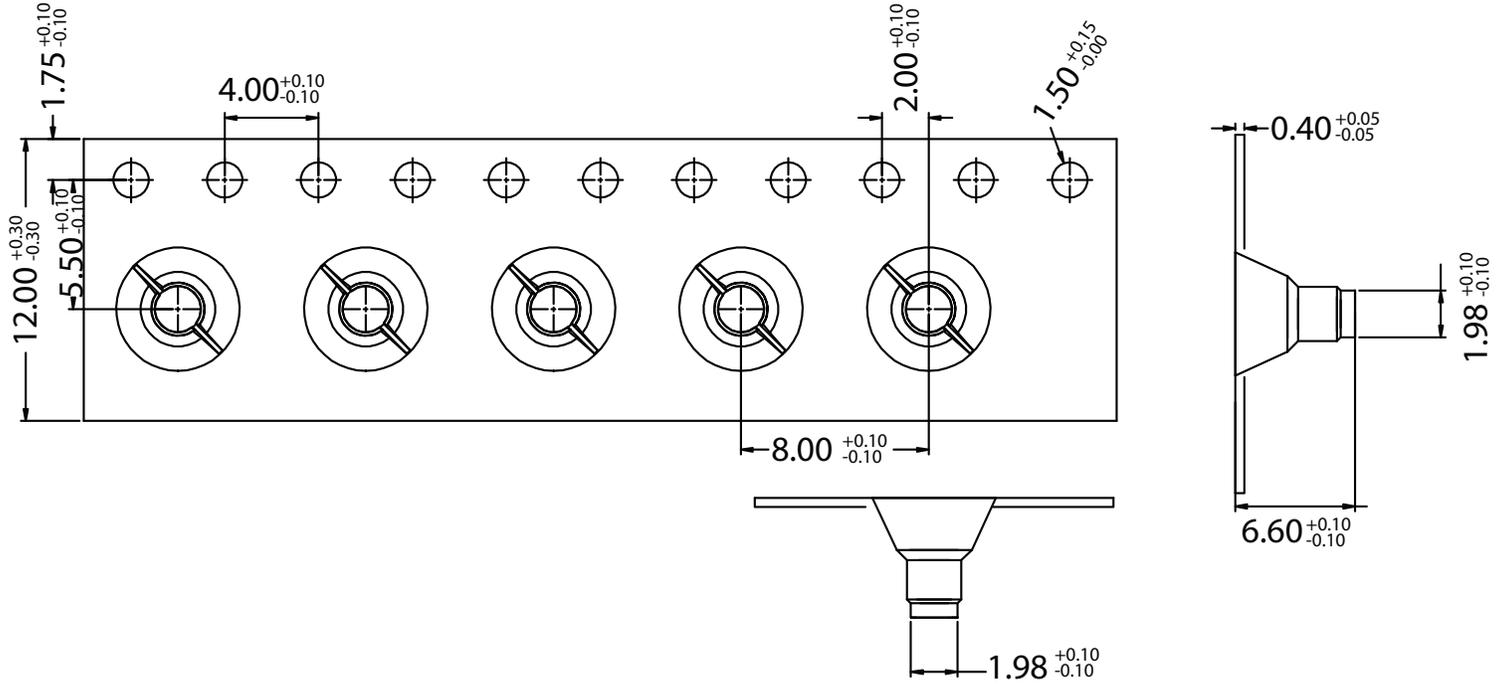


## PACKAGING

units: mm

Reel Size:  $\varnothing 330$  mm

Reel QTY: 1,300 pcs per reel



## REVISION HISTORY

rev.	description	date
1.0	initial release	06/20/2025

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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