

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

FEATURES

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



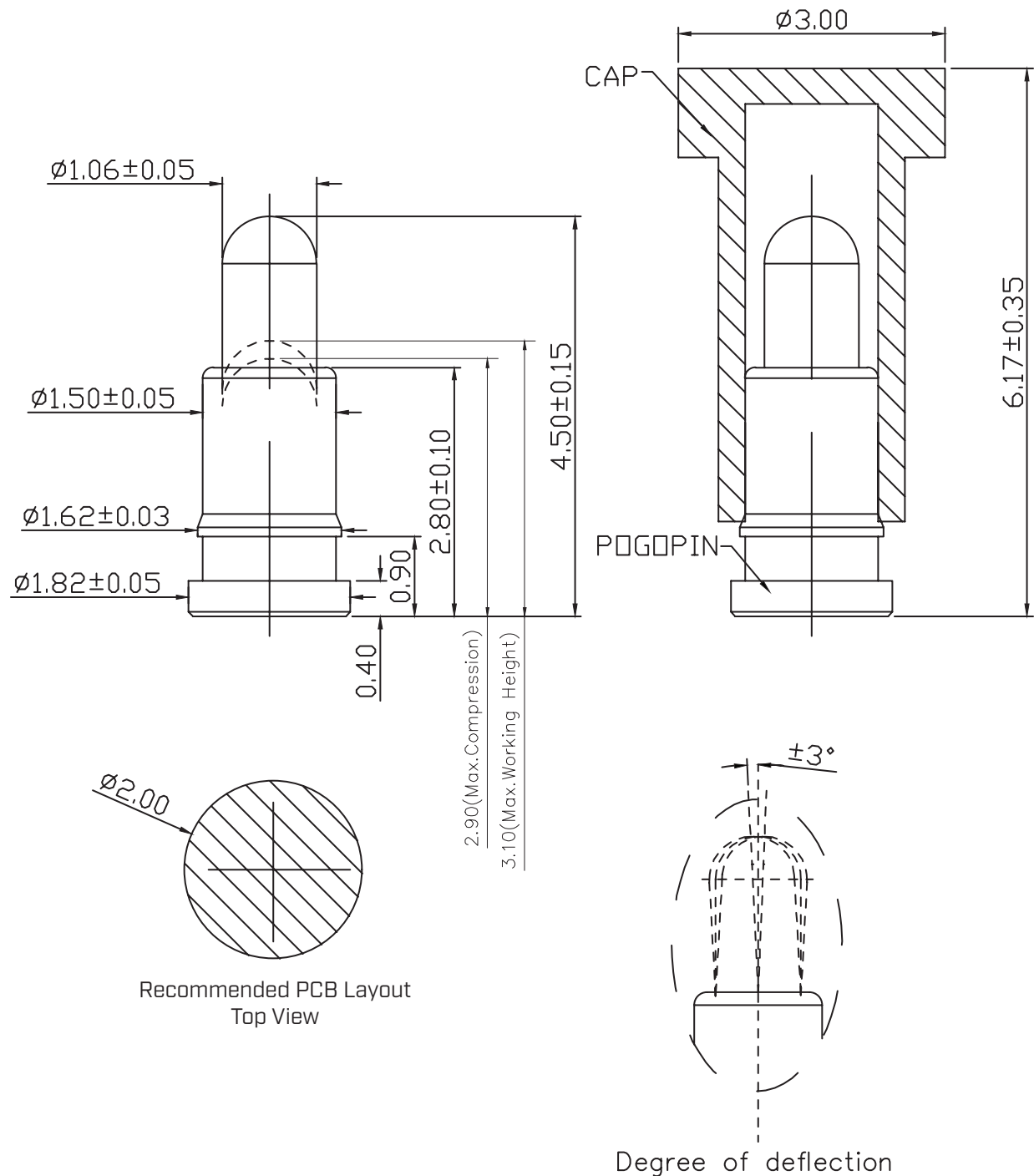
SPECIFICATIONS

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:
 $X \leq 10$: ± 0.10 mm
 $10 < X \leq 20$: ± 0.15 mm
 PCB: ± 0.05 mm
 unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
barrel	lead-free copper	10 μ " min gold over 50~120 μ " nickel
plunger	lead-free copper	10 μ " min gold over 50~120 μ " nickel
spring	SUS304	3 μ " gold
cap	PA46 [UL94V-0]	black

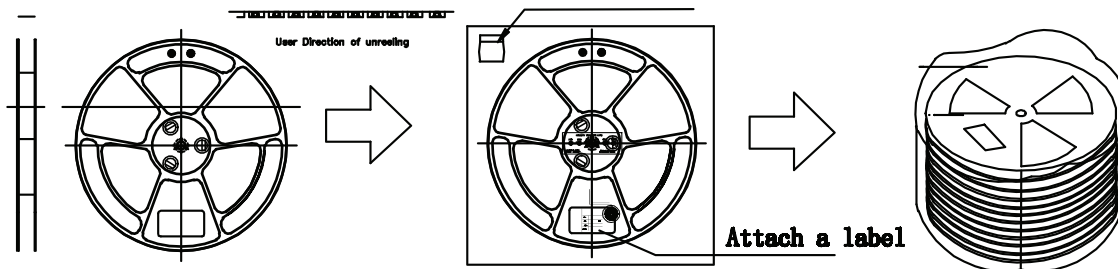
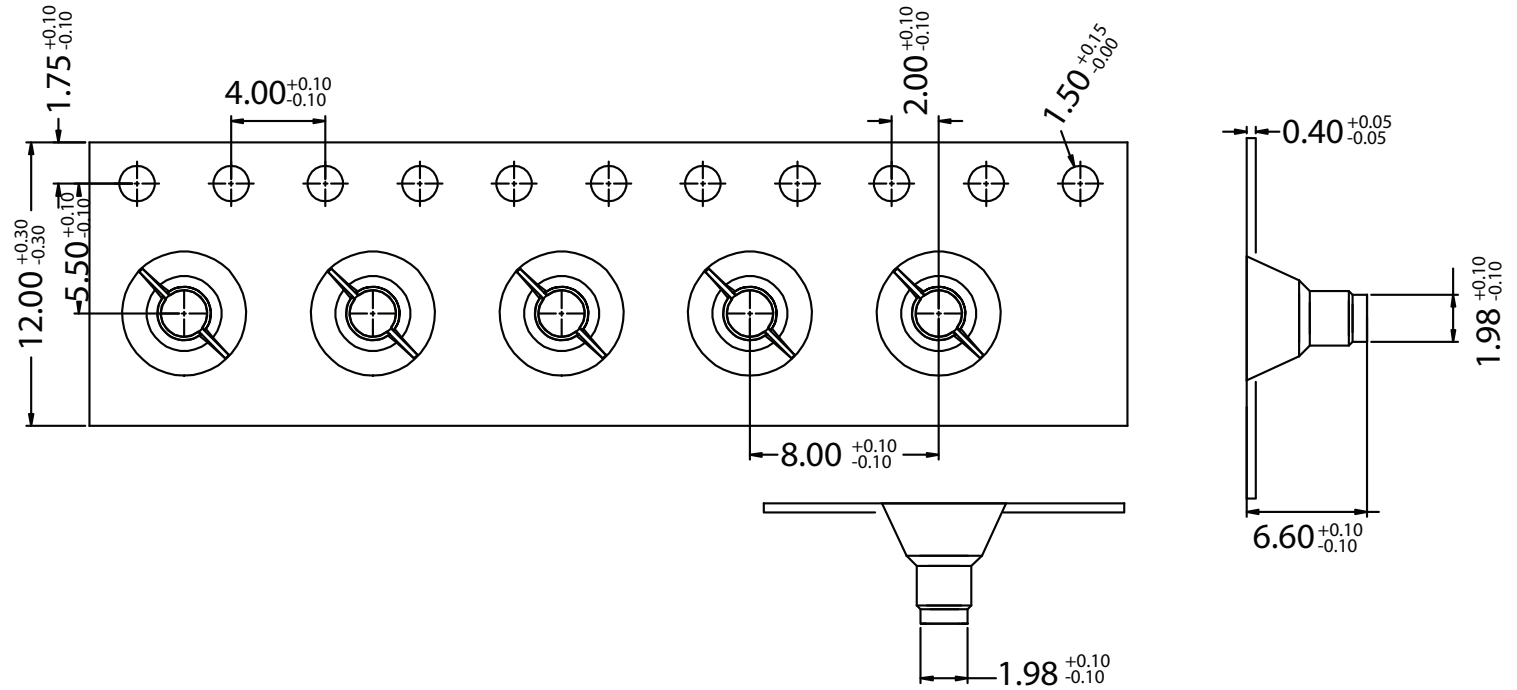


PACKAGING

units: mm

Reel Size: Ø330 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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