

**MODEL:** CPG-52-SMT-TR | **DESCRIPTION:** POGO PIN**FEATURES**

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

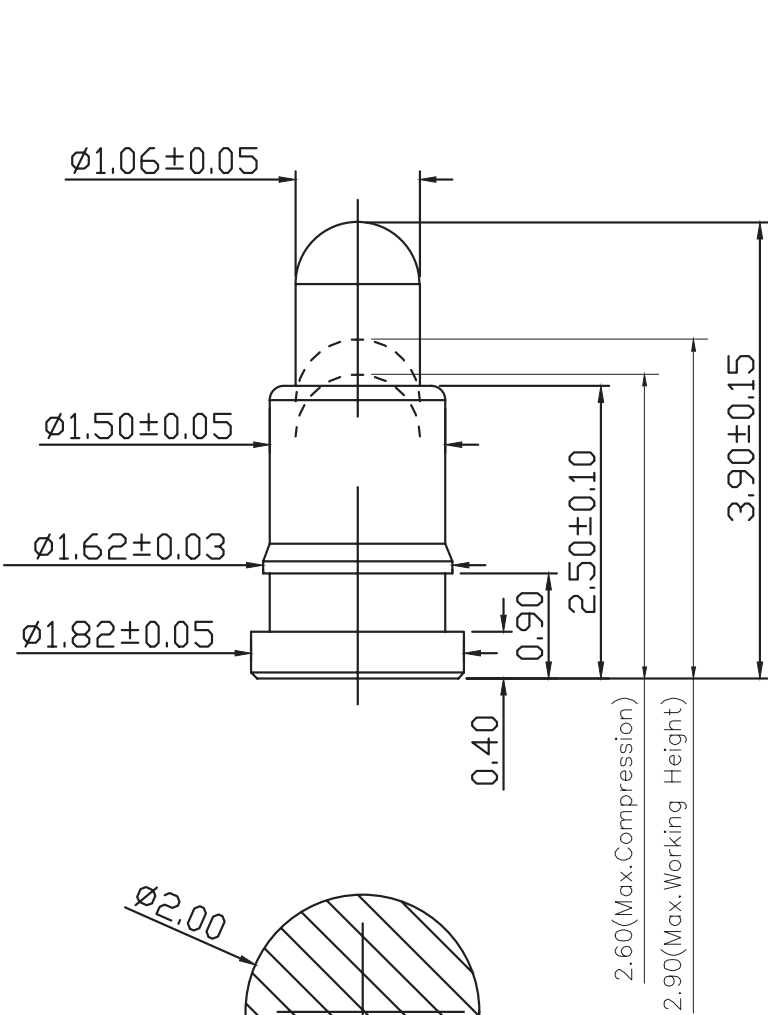
**SPECIFICATIONS**

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			1.0		mm
full stroke			1.3		mm
working height			2.9		mm
life		100,000			cycles
operating temperature		-40		85	°C
RoHS	yes				

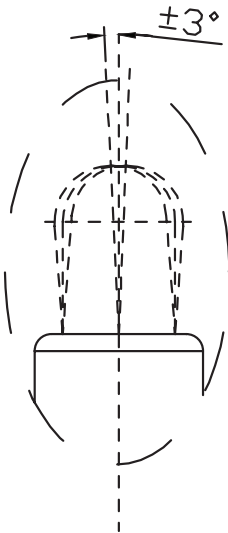
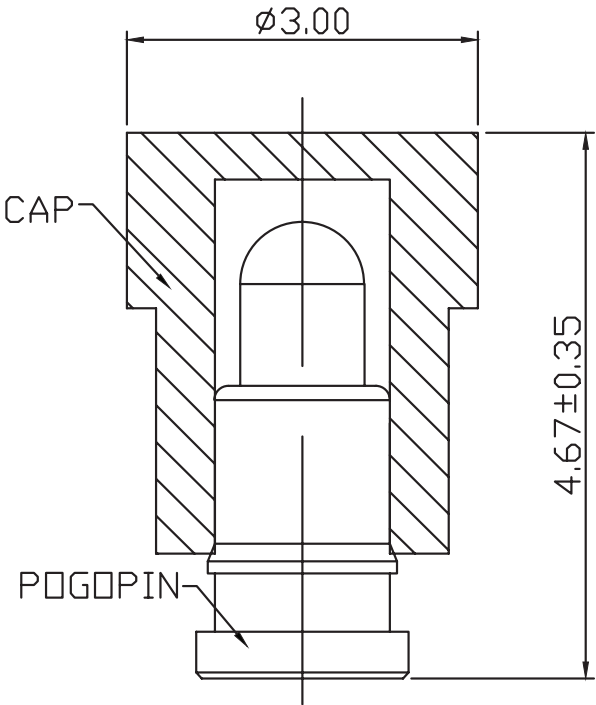
MECHANICAL DRAWING

units: mm
tolerance:
X≤10: ±0.10 mm
10<X≤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



Recommended PCB Layout
Top View



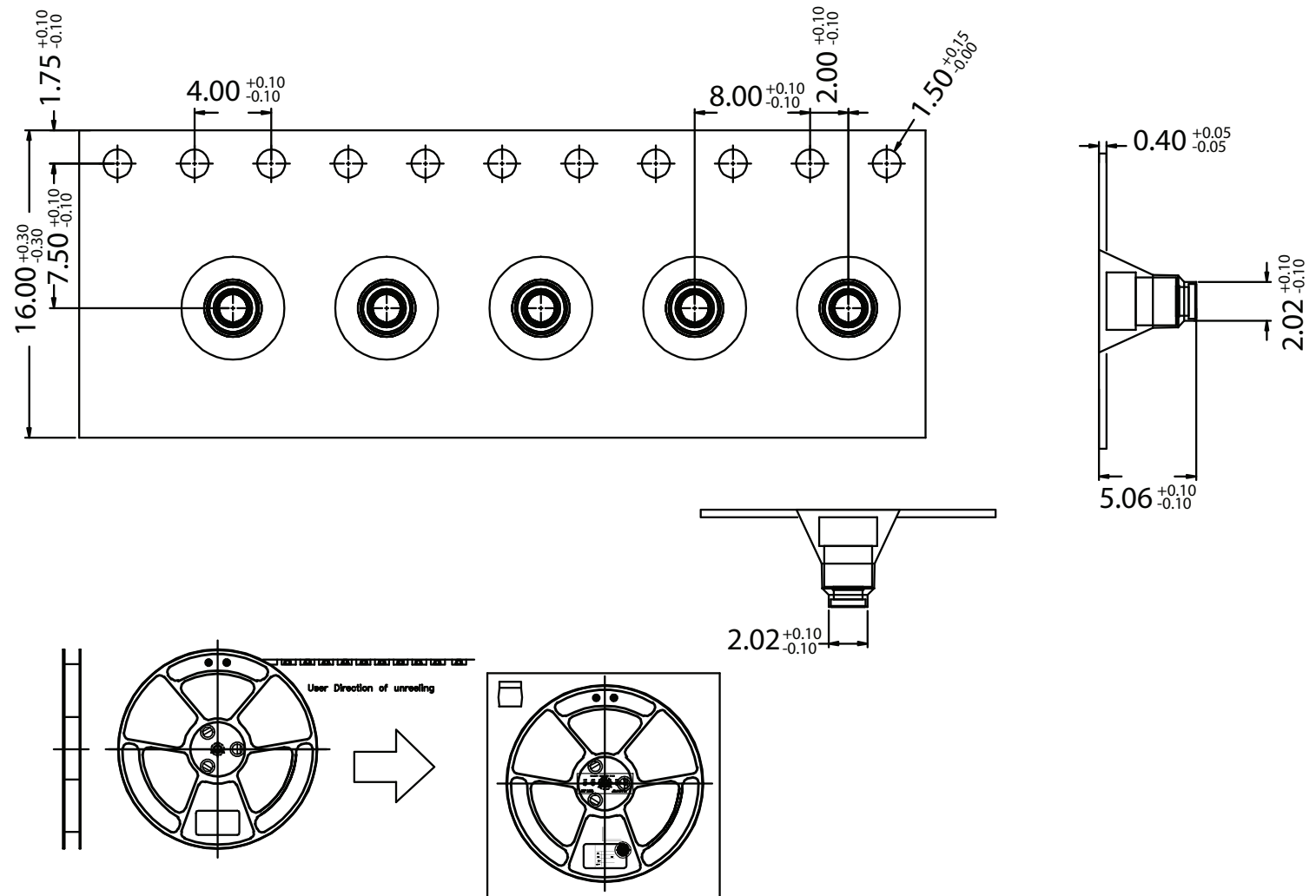
Degree of deflection

PACKAGING

units: mm

Reel Size: Ø330 mm

Reel QTY: 1,600 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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