CUI Devices is now Same Sky! Learn More

MODEL: CPG-45-TH-TR | DESCRIPTION: POGO PIN

FEATURES

- pogo pin
- through hole
- gold plated



RoHS

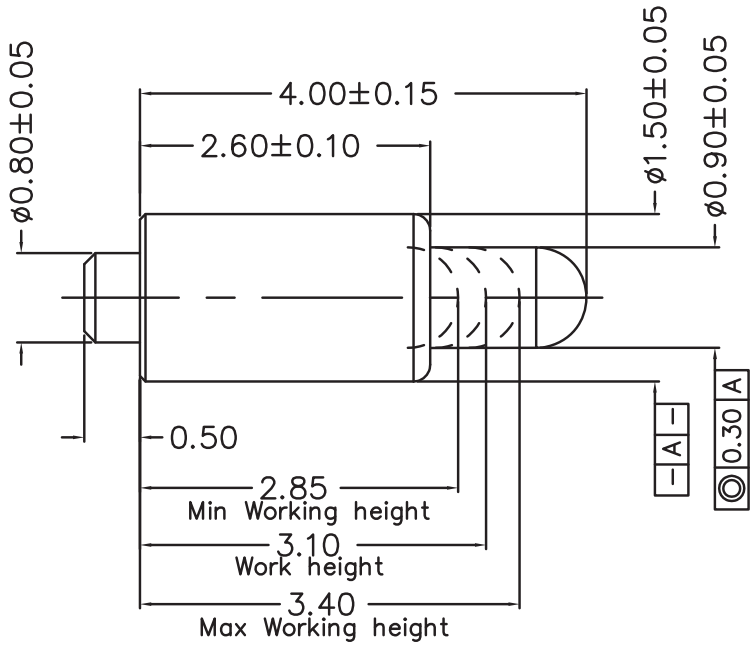
SPECIFICATIONS

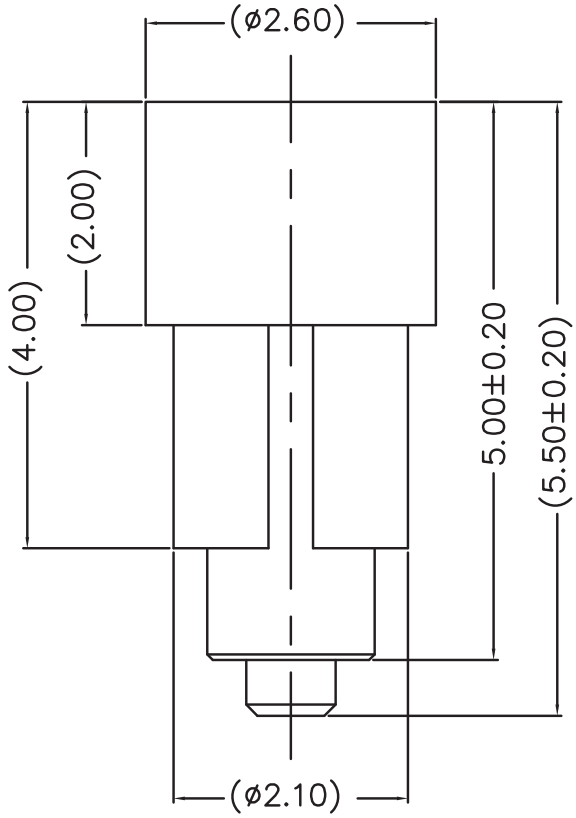
parameter	conditions/description	min	typ	max	units
rated voltage				12	Vdc
rated current				1	A
contact resistance	at working height			100	mΩ
force	at minimum compression at working height at maximum compression	25 35 40	40 50 60	55 65 80	gf gf gf
mid stroke			0.90		mm
full stroke			1.15		mm
working height			3.10		mm
life		15,000			cycles
operating temperature		-40		85	°C
RoHS	yes				

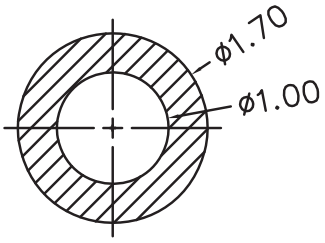
MECHANICAL DRAWING

units: mm
tolerance:
X.X: ±0.15 mm
X.XX: ±0.10 mm
PCB: ±0.05 mm
unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
barrel	brass	0.125 µm min gold over 1.25 µm min nickel
plunger	brass	0.25 µm min gold over 1.25 µm min nickel
spring	stainless steel wire	0.05 µm min gold over 1.25 µm min nickel
housing	high temp. plastic (UL94V-0)	black





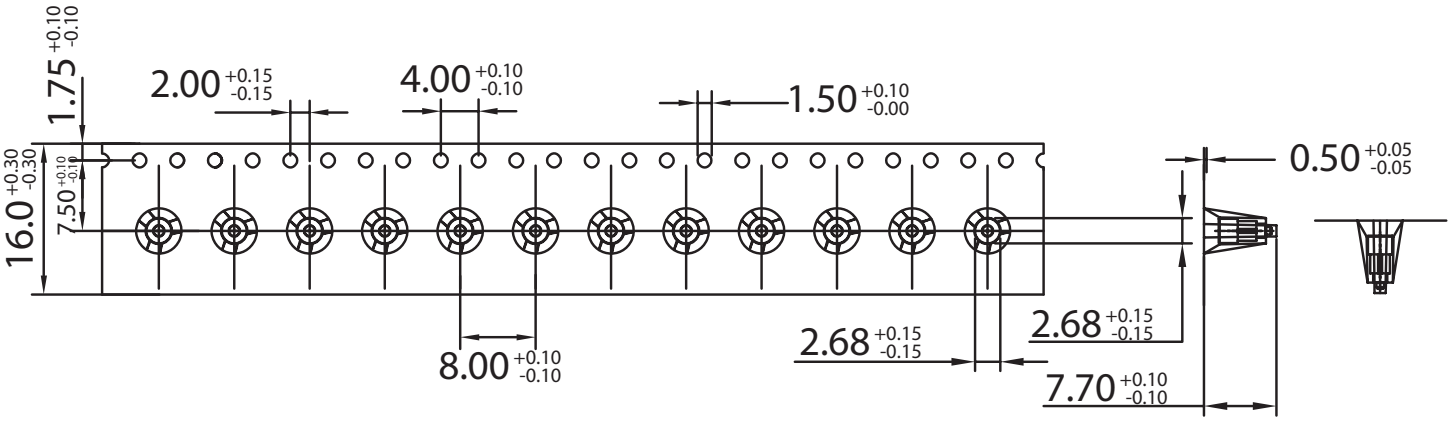


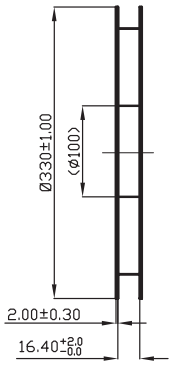
Recommended PCB Layout
Top View

PACKAGING

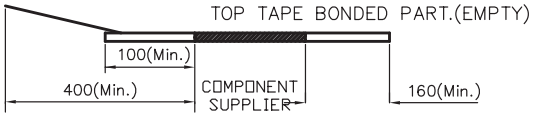
units: mm

Reel Size: Ø330 mm
Reel QTY: 1,000 pcs per reel





NOTES:
1. NUMBER OF CONNECTORS : 1000 PCS/REEL
2. LEAD TAPE LENGTH



3. PEELING OFF FORCE OF TOP TAPE : 10.2gf ~ 71.4gf
PULL OUT DIRECTION



4. Reel Package MATERIAL
CARRIER TAPE: PS
TOP TAPE: PET
REEL: PS (RECYCLE MATERIAL CONTAINED)
5.RoHS&HF compliant product

REVISION HISTORY

rev.	description	date
1.0	initial release	11/07/2024
1.01	updated datasheet	10/22/2025

The revision history provided is for informational purposes only and is believed to be accurate.

same sky

Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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