

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

FEATURES

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



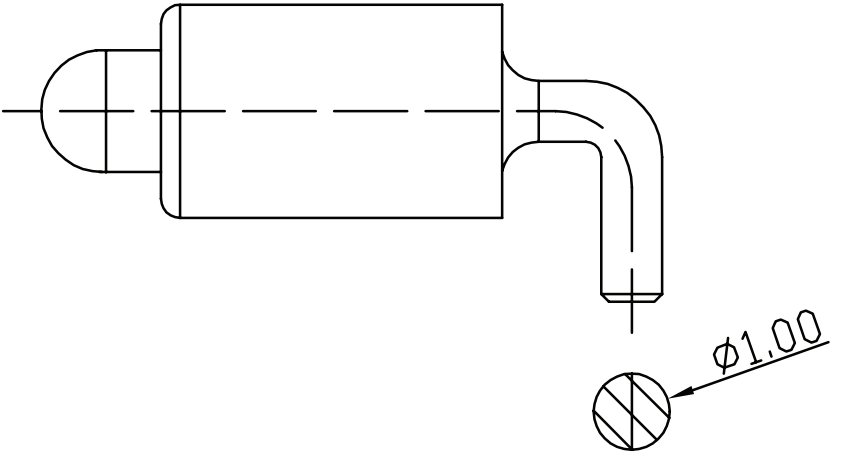
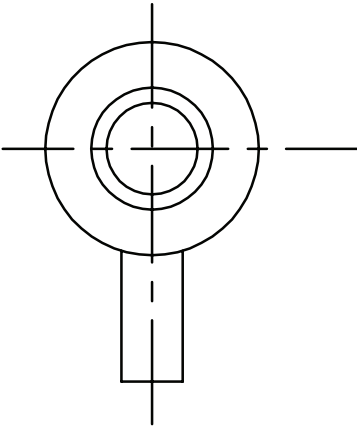
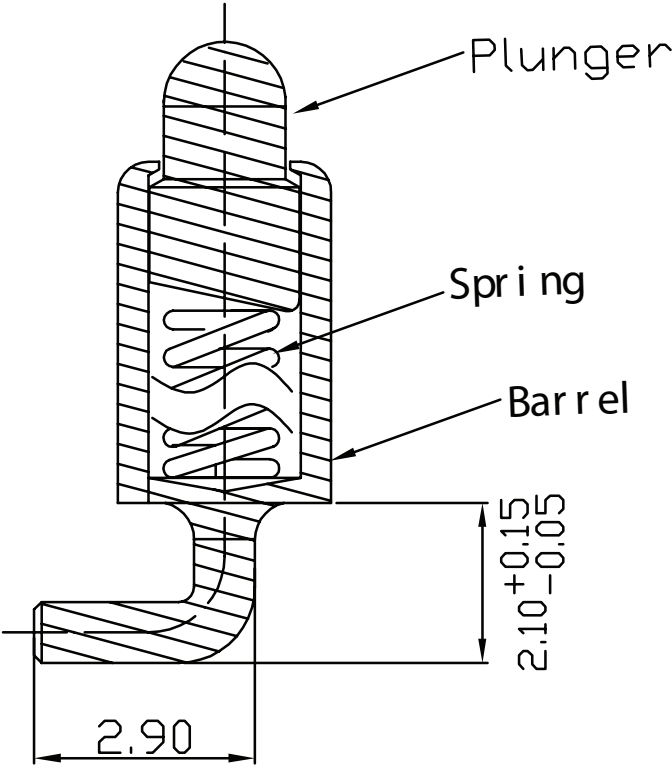
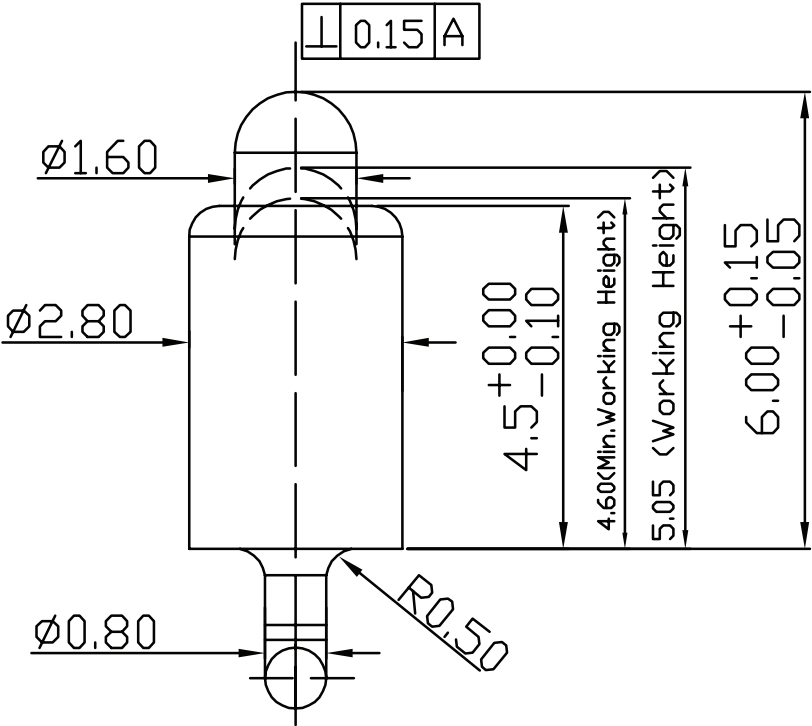
SPECIFICATIONS

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≤10: ±0.10 mm
10<X≤20: ±0.15 mm
PCB: ±0.05 mm
unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
barrel	brass alloy	10 μ" min gold over 50~120 μ" nickel
plunger	brass alloy	20 μ" min gold over 50~120 μ" nickel
spring	SUS304	10 μ" min gold over 50~120 μ" nickel



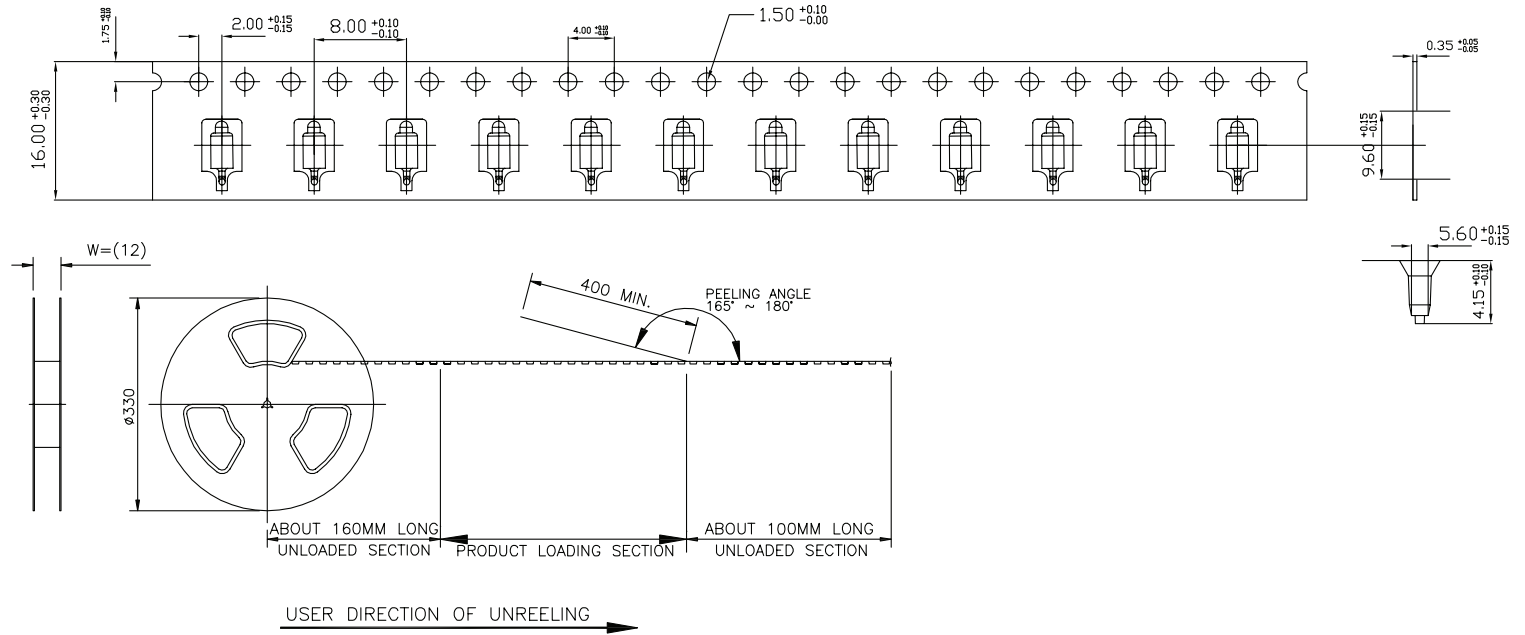
Recommended PCB Layout
Top View

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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