

MODEL: CPG-48-TH-TR | **DESCRIPTION:** POGO PIN**FEATURES**

- pogo pin
- through hole
- gold plated

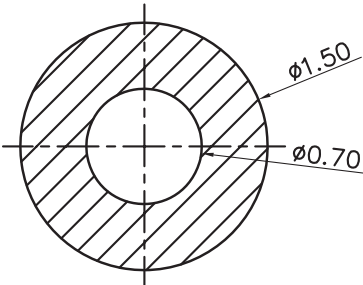
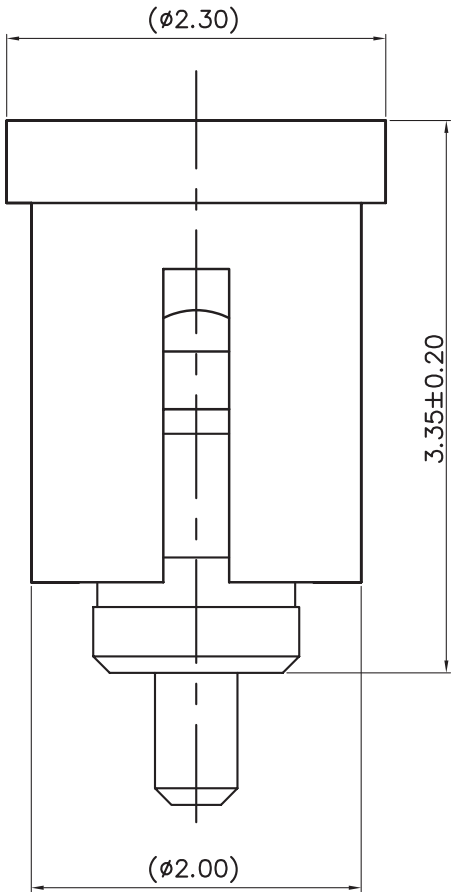
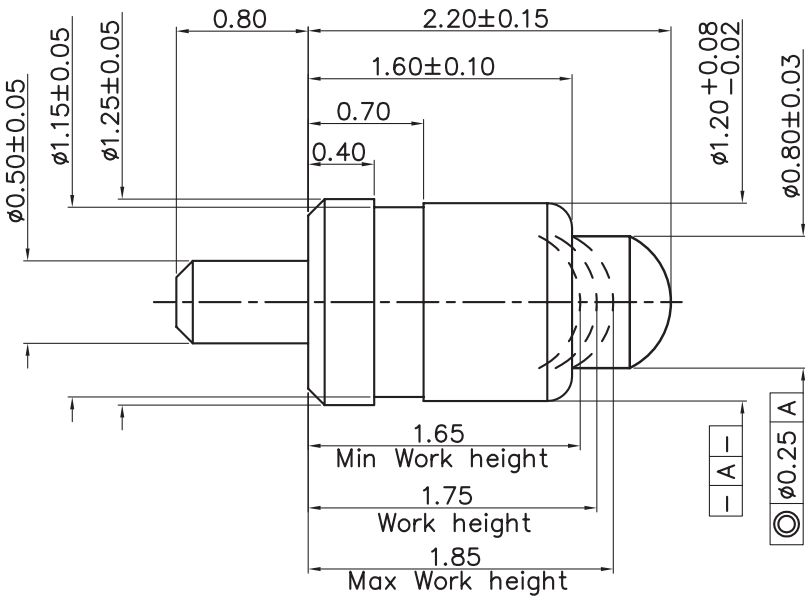
**SPECIFICATIONS**

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	25	45	65	gf
	at working height	35	55	75	gf
	at maximum compression	45	65	85	gf
mid stroke			0.45		mm
full stroke			0.55		mm
working height			1.75		mm
life		10,000			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	0.10 µm min gold over 1.40 µm min nickel
plunger	brass	0.40 µm min gold over 1.40 µm min nickel
spring	stainless steel wire	0.05 µm min gold over 1.25 µm min nickel
housing	high temo. plastic [UL94V-0]	black



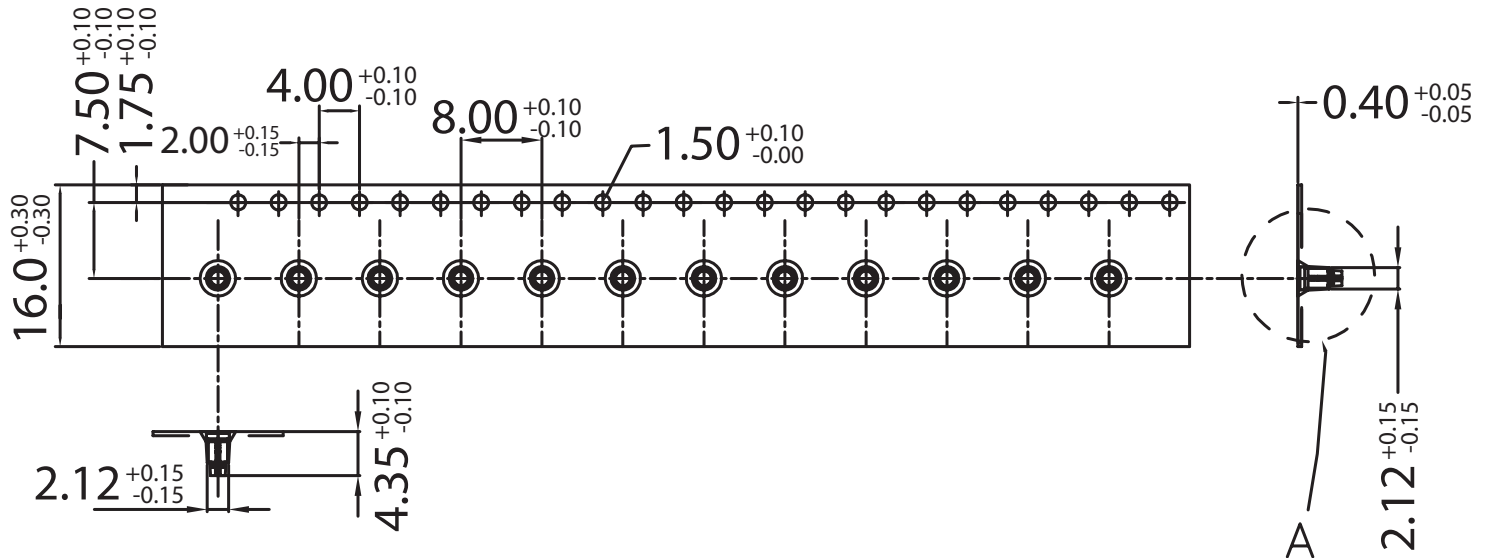
Recommended PCB Layout
Top View

PACKAGING

units: mm

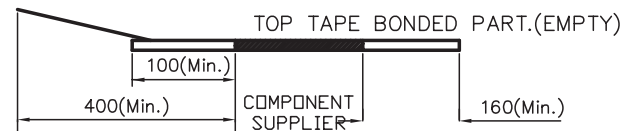
Reel Size: Ø330 mm

Reel QTY: 1,800 pcs per reel

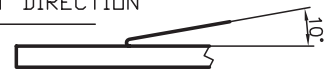


NOTES:

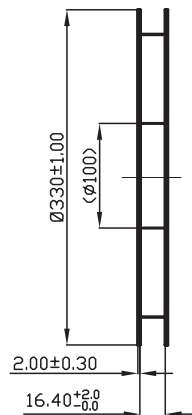
1. NUMBER OF CONNECTORS : 1800 PCS/REEL
2. LEAD TAPE LENGTH



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

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