

MODEL: CPG-38-TH-B | **DESCRIPTION:** POGO PIN**FEATURES**

- pogo pin
- through hole
- gold plated

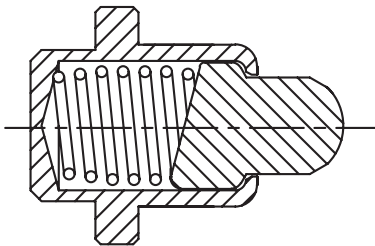
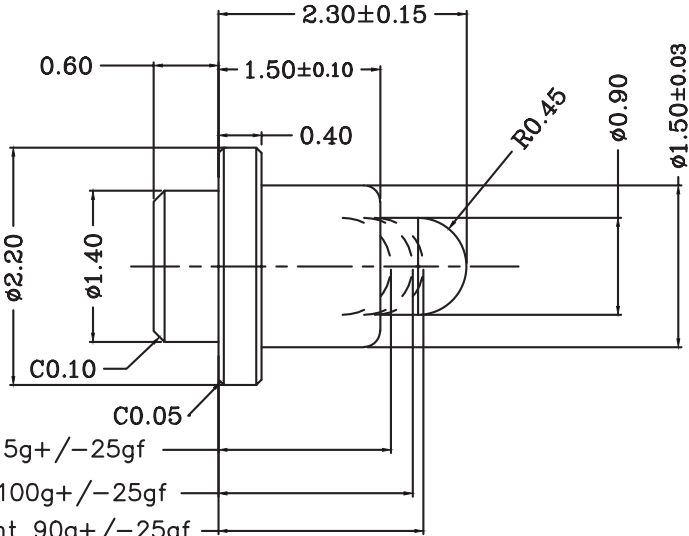
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				12	Vdc
rated current				2	A
contact resistance	at working height			30	mΩ
force	at minimum compression	65	90	115	gf
	at working height	75	100	125	gf
	at maximum compression	90	115	140	gf
mid stroke			0.5		mm
full stroke			0.7		mm
working height			1.8		mm
life		10,000			cycles
operating temperature		-40		85	°C
RoHS	yes				

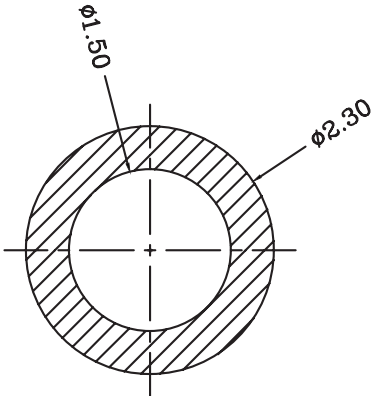
MECHANICAL DRAWING

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 brass over 1.4 µm min nickel
plunger	brass	0.25 µm min brass over 1.4 µm min nickel
spring	stainless steel wire	



- 1.60 Min. Work height 115g+/-25gf
- 1.80 Work height 100g+/-25gf
- 1.90 Max Work height 90g+/-25gf



Recommended PCB Layout
Top View

REVISION HISTORY

rev.	description	date
1.0	initial release	11/06/2024

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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