

MODEL: CPG-30-SMT-B | **DESCRIPTION:** POGO PIN**FEATURES**

- pogo pin
- surface mount
- gold plated

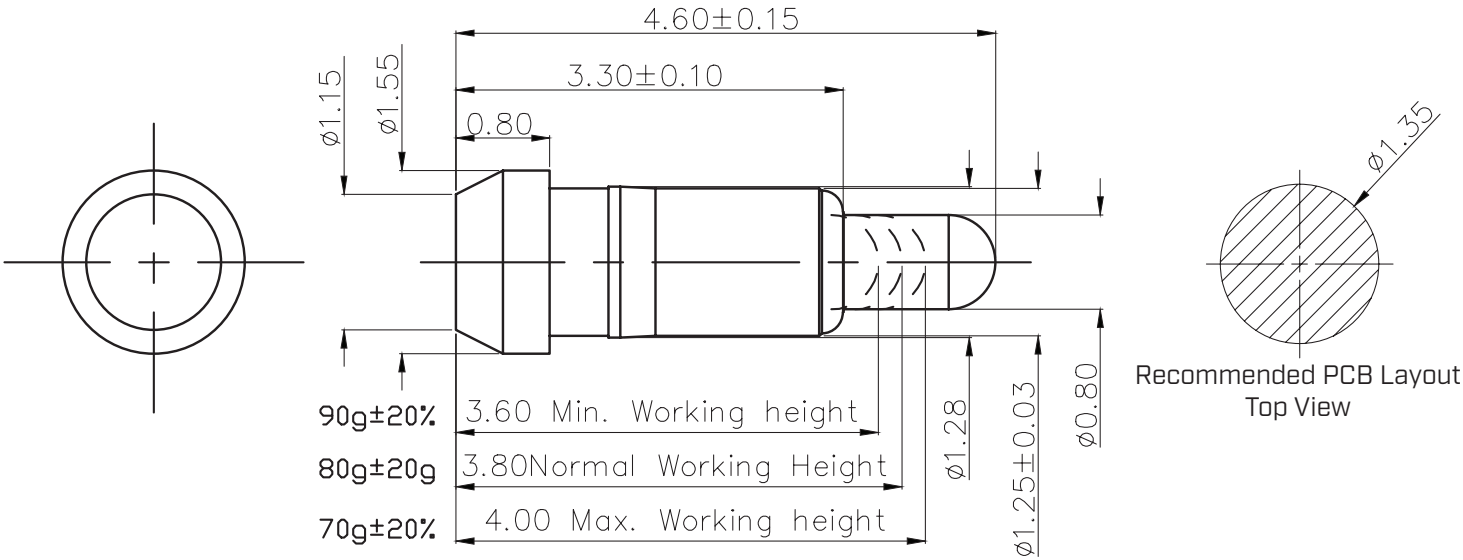
**SPECIFICATIONS**

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	56	70	84	gf
	at working height	60	80	100	gf
	at maximum compression	72	90	108	gf
mid stroke			0.8		mm
full stroke			1.1		mm
working height			3.8		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	outside: 0.05~0.4 µm min gold over 1.4 µm nickel inside: 0.05 µm min gold over 0.25 µm min nickel
plunger	brass	1.0 µm min gold over 1.4 µm min nickel
spring	stainless steel wire	



REVISION HISTORY

rev.	description	date
1.0	initial release	11/04/2024
1.01	added recommended PCB layout	02/24/2025

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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