

Additional Resources: Product Page

date 11/04/2024

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# MODEL: CPG-16-SMT-B | DESCRIPTION: POGO PIN

#### **FEATURES**

- pogo pin
- surface mount
- gold plated



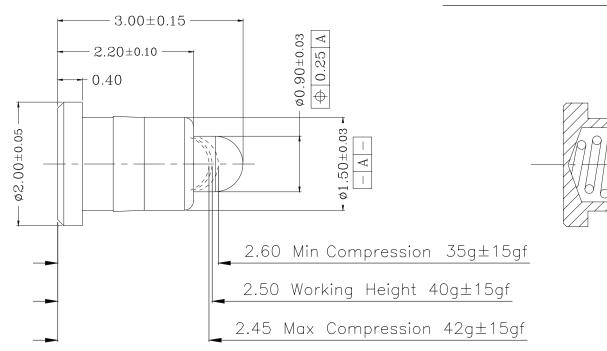
### **SPECIFICATIONS**

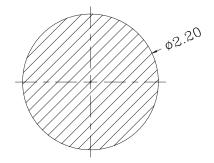
parameter	conditions/description	min	typ	max	units
rated voltage				12	Vdc
rated current				2	А
contact resistance	at working height			30	mΩ
force	at minimum compression at working height at maximum compression	20 25 27	35 40 42	50 55 57	gf gf gf
mid stroke			0.50		mm
full stroke			0.55		mm
working height			2.50		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 1.25 µm min nickel
	plunger	brass	0.25 µm min gold over 1.25 µm min nickel
	spring	stainless steel wire	





Recommended PCB Layout Top View

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#### **REVISION HISTORY**

rev.	description	date	
1.0	initial release	11/04/2024	

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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