same sky

MODEL: CPG-91-SMT-B | DESCRIPTION: POGO PIN

FEATURES
• pogo pin
• surface mount
• gold plated

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				12	Vdc
rated current				25	A
contact resistance	static contact resistance at working height			10	mΩ
	dynamic contact resistance at working height			30	mΩ
force	at working height	208	260	312	gf
mid stroke			1.2		mm
full stroke			1.5		mm
working height			6.6		mm
life		10,000			cycles
operating temperature		-40		85	°C
RoHS	yes				

same sky

MECHANICAL DRAWING

units: mm
tolerance:
X.X: ±0.15 mm
X.XX: ±0.10 mm
unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
barrel	copper alloy	0.05 µm min gold over 1.25 µm nickel
plunger	copper alloy	0.25 µm min gold over 1.25 µm nickel
spring	stainless steel	
ball	copper alloy	gold

ø3.80±0.03

ø2.00±0.03

(R1.50)

ø3.30±0.03

ø3.00±0.03

0.25 A

A

(1.80)

2.20

0.50

6.30 Max Compression

6.60 Working Height

7.80±0.15

REVISION HISTORY

rev.	description	date
1.0	initial release	09/08/2025

The revision history provided is for informational purposes only and is believed to be accurate.