same sky

MODEL: CPG-09-SMT-B | DESCRIPTION: POGO PIN

FEATURES

• pogo pin
• suitable for injection molding
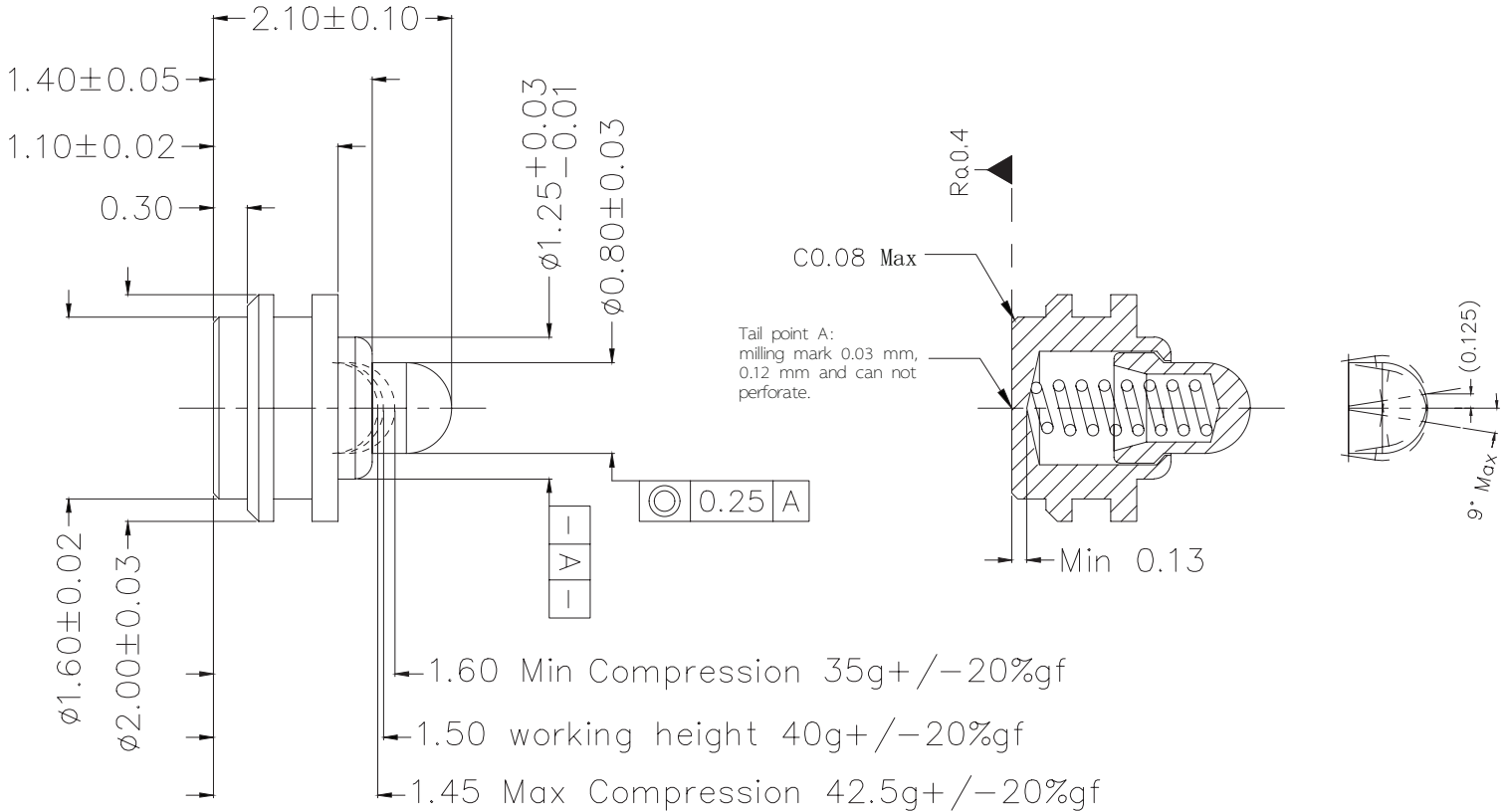• gold plated

RoHS

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	28	35	42	gf
	at working height	32	40	48	gf
	at maximum compression	34	42.5	51	gf
mid stroke			0.6		mm
full stroke			0.65		mm
working height			1.50		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
unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
barrel	brass (C3604)	0.75 μm min gold over 1.4 μm nickel
plunger	brass (C3604)	0.75 μm min gold over 1.4 μm nickel
spring	stainless steel wire	

Tail point A: milling mark 0.03 mm, 0.12 mm and can not perforate.

C0.08 Max

Ra0.4

Min 0.13

(0.125)

9° Max

1.60 Min Compression 35g+/−20%gf

1.50 working height 40g+/−20%gf

1.45 Max Compression 42.5g+/−20%gf

REVISION HISTORY

rev.	description	date
1.0	initial release	11/07/2024

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