same sky

MODEL: CPG-10-SMT-B | DESCRIPTION: POGO PIN

FEATURES
• pogo pin
• surface mount
• gold plated

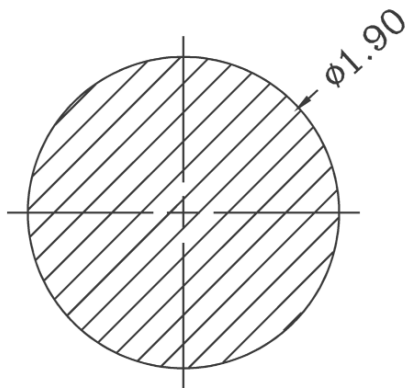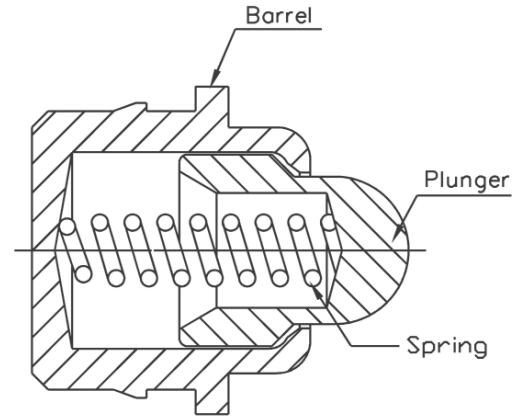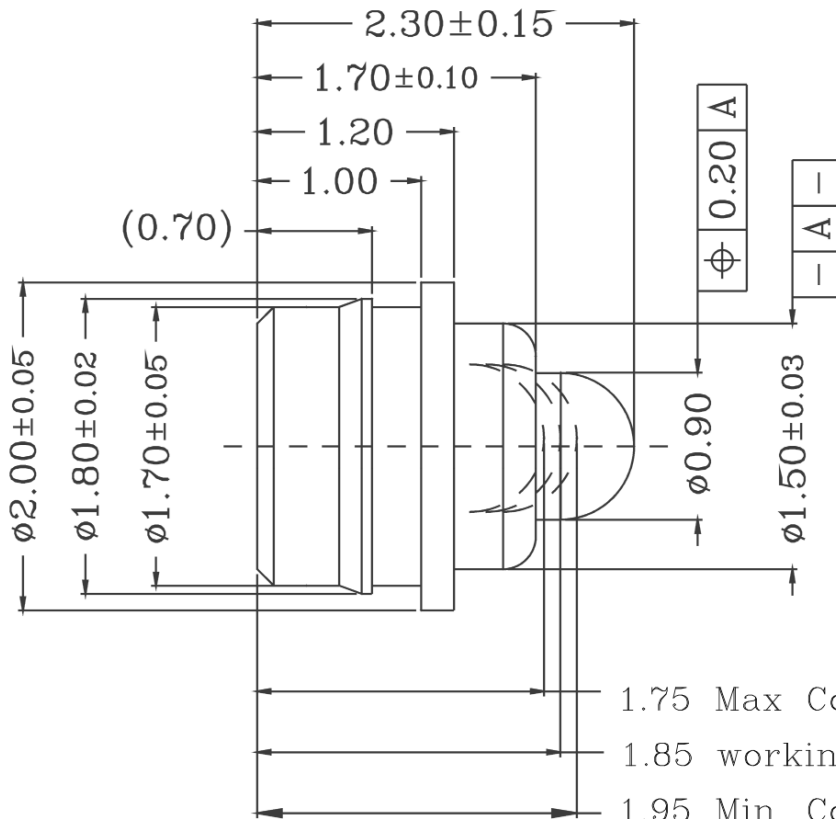RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				12	Vdc
rated current				1	A
contact resistance	at working height			100	mΩ
force	at minimum compression	40	60	80	gf
	at working height	50	70	90	gf
	at maximum compression	60	80	100	gf
mid stroke			0.45		mm
full stroke			0.55		mm
working height			1.85		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	0.1 μm min gold over 1.4 μm min nickel
plunger	brass	0.25 μm min gold over 1.4 μm min nickel
spring	stainless steel wire	

1.75 Max Compression 80g+/−20gf
1.85 working height 70g+/−20gf
1.95 Min Compression 60g+/−20gf

Recommended PCB Layout
Top View

REVISION HISTORY

rev.	description	date
1.0	initial release	11/04/2024
1.01	updated drawing	02/10/2025

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