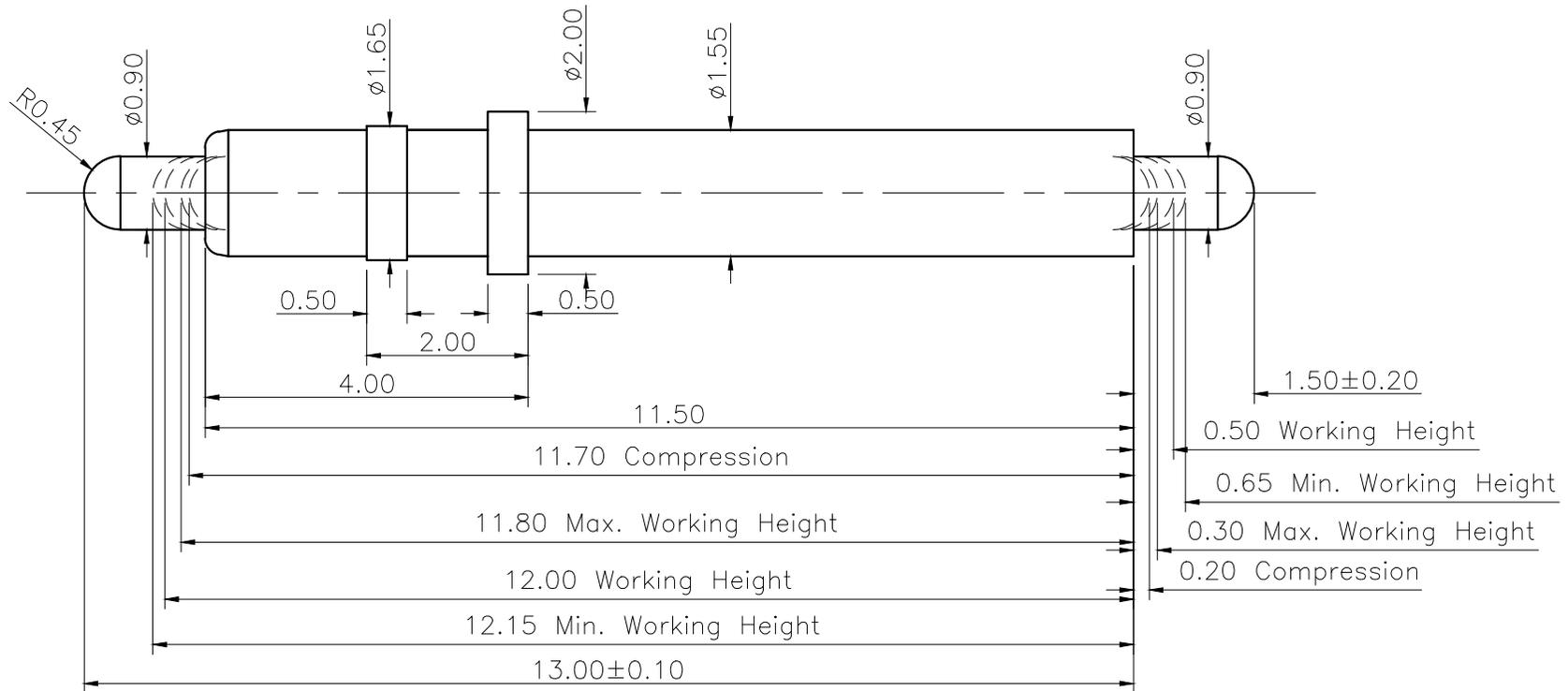


Please Approve this Drawing

Date

Signature

Part Name	Version	Q'TY	Material	Plated surface
Plunger	B.0	2	HBi59	AU 10 U" MIN OVER 50~100 U" NI
Barrel	B.0	1	HBi59	AU 10 U" MIN OVER 50~100 U" NI
Spring	B.0	1	SUS304	Not Plated



NOTES:

- Electrical
  - .Rated Current & Voltage : DC 12 V ; 1A
  - .Contact Resistance:50 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .Spring Force :120gf $\pm$ 20% at Normal Working Height
  - .Durability:10,000 cycles(minimum)
- Environmental
  - .Operating Temperature:  $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
  - .Humidity Range: 10%RH~90%RH
  - .Salt Spray: 48 Hours
- Part To Be Free Form Manufacturing Lubricants.
- When the current is greater than 1A then need to increase the time delay circuit(3 second)
- To avoid arcing issue, The adaptor start to power supply after connector mated fully.
- To ensure the best usage,please operate it based on the working height.
- .RoHs&HF compliant product.

DRAWN	Kevin	DATE	2021.06.30				Dongguan Promax Electronics Technology Co., Ltd	
CHECKED		SCALE	10:1	VER.	B.0			
APPROVED		TITLE	pogo pin connector.			Ang:	Dim:	
PROJECT		DRAWING NO.	NC309-01PA			0 $\pm 1^{\circ}$	0 $\pm 0.15$	
SHEET	1 of 1	UNIT	mm			.0 $\pm 0.5^{\circ}$	.0 $\pm 0.10$	
					.00 $\pm 0.25^{\circ}$	.00 $\pm 0.05$		

VER.	DESCRIPTION	ECN NO.	DATE
B.0			20210630