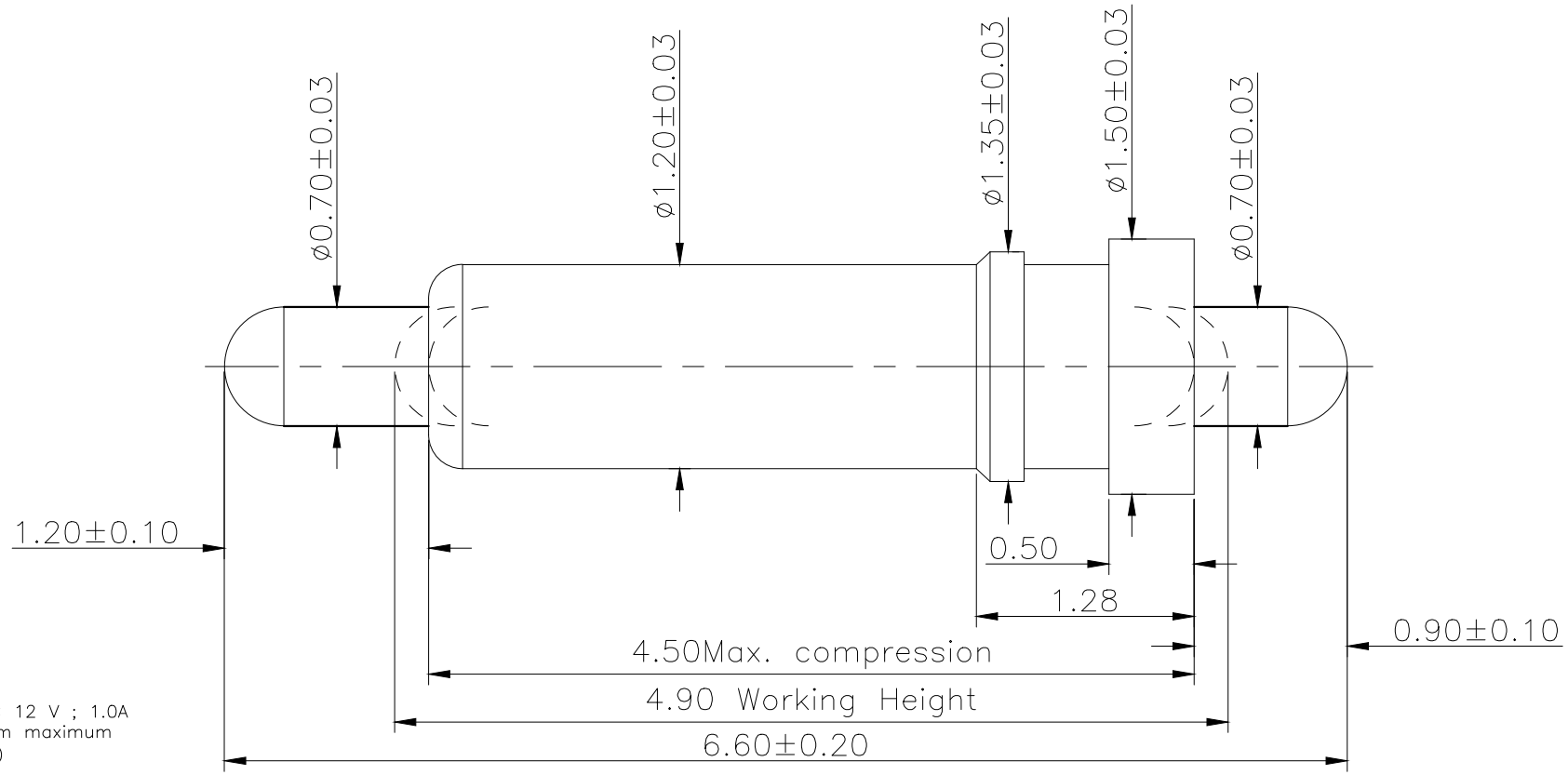
Please Approve this Drawing	
Date	
Signature	

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	2	HBi59	Au 10u" Min. OVER 50U~120" Ni
2	Barrel	1	HBi59	Au 5u" Min. OVER 50U~120" Ni
3	Spring	1	SUS304	Au 1u" Min. OVER Ni
4				



NOTES:

1. Electrical
   .Rated Current & Voltage : DC 12 V ; 1.0A
   .Contact Resistance: 100 mohm maximum at Working Height(Quiescence)
2. Mechanical
   .Full store: 2.10 mm
   .Spring Force: 50gf±20% at Working Height
   .Durability:10,000 cycles(minimum)
3. Environmental
   .Operating Temperature: −30°C~+85°C
   .Humidity Range: 10%RH~90%RH
   .Salt Spray: 48 Hours
4. When the current is greater than 1A then need to increase the time delay circuit(3 second)
5. To avoid arcing issue, The adaptor start to power supply after connector mated fully.
6. To ensure the best usage,please operate it based on the working height.
7 .RoHs&HF compliant product.

VER.	DESCRIPTION	ECN NO.	DATE
A.0	NEW RELEASE		

DRAWN	Lx	DATE	2021.07.08		
CHECKED	Lys	SCALE	10:1	VER.	A.0
APPROVED	Tonny	TITLE	pogo pin		
PROJECT		DRAWING NO.	NC3546−01PA		
SHEET	1 of 1	UNIT	mm		

Dongguan Promax Electronics Technology Co., Ltd

Ang:		Dim:	
0	±1°	0	±0.15
.0	±0.5°	.0	±0.10
.00	±0.25°	.00	±0.05