

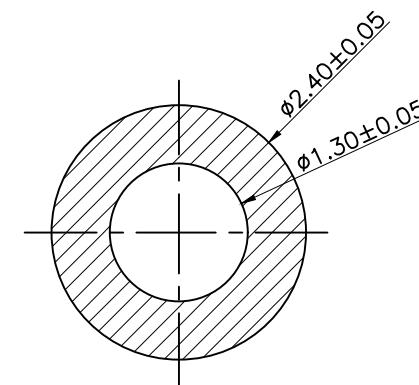
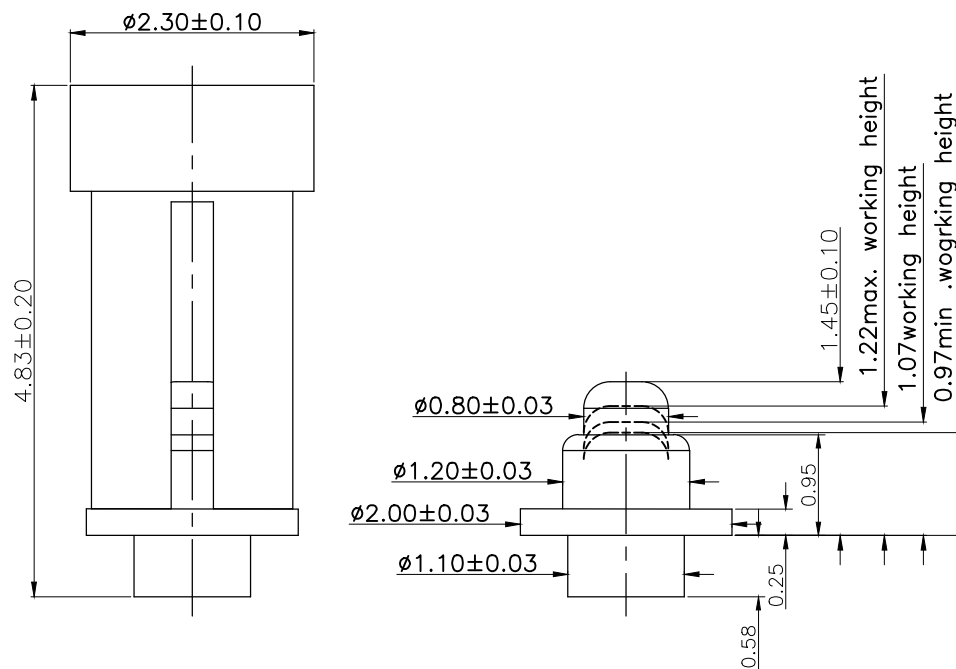
Please Approve this Drawing

Date	
Signature	

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	1	HBI59	
2	Barrel	1	HBI59	
3	Spring	1	SUS304	
4	CAP	1	PA46	

NOTES:

- Electrical
  - .Rated Current & Voltage : DC 12 V ; 0.2A
  - .Contact Resistance: 30 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .Spring Force: 50gf~95gf at 1.22~0.97mm Working Height
  - .Durability:10,000 cycles(minimum)
- Plating:
  - 1)Plunger:1.plating 50~80 u" Ni  
2.plating 3.04 u" Au min  
3.plating 30.4 u" Pd-Ni min  
4.plating 3.04 u" Au min  
5.plating 20 u" Rh min  
6.plating 3.04 u" Au min
  - 2)Barrel: plating 20~30 u" Au over 50~100 u" Ni
  - 3)Spring: plating 10 u" Au min over 50~100 u" Ni
- Environmental
  - .Operating Temperature: -25°C~+85°C
  - .Humidity Range: 10%RH~90%RH
  - .Salt Spray: 48 Hours
- 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.



RECMOOEND PCB LAYOUT

layout Tolerance:  $\pm 0.05$ mm

DRAWN	lys	DATE	2021.08.11				Dongguan Promax Electronics Technology Co., Ltd		
CHECKED		SCALE	10:1	VER.	A.0				
APPROVED		TITLE	PoGo Pin			Ang:	Dim:		
PROJECT		DRAWING NO.	NC3677-01RA			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