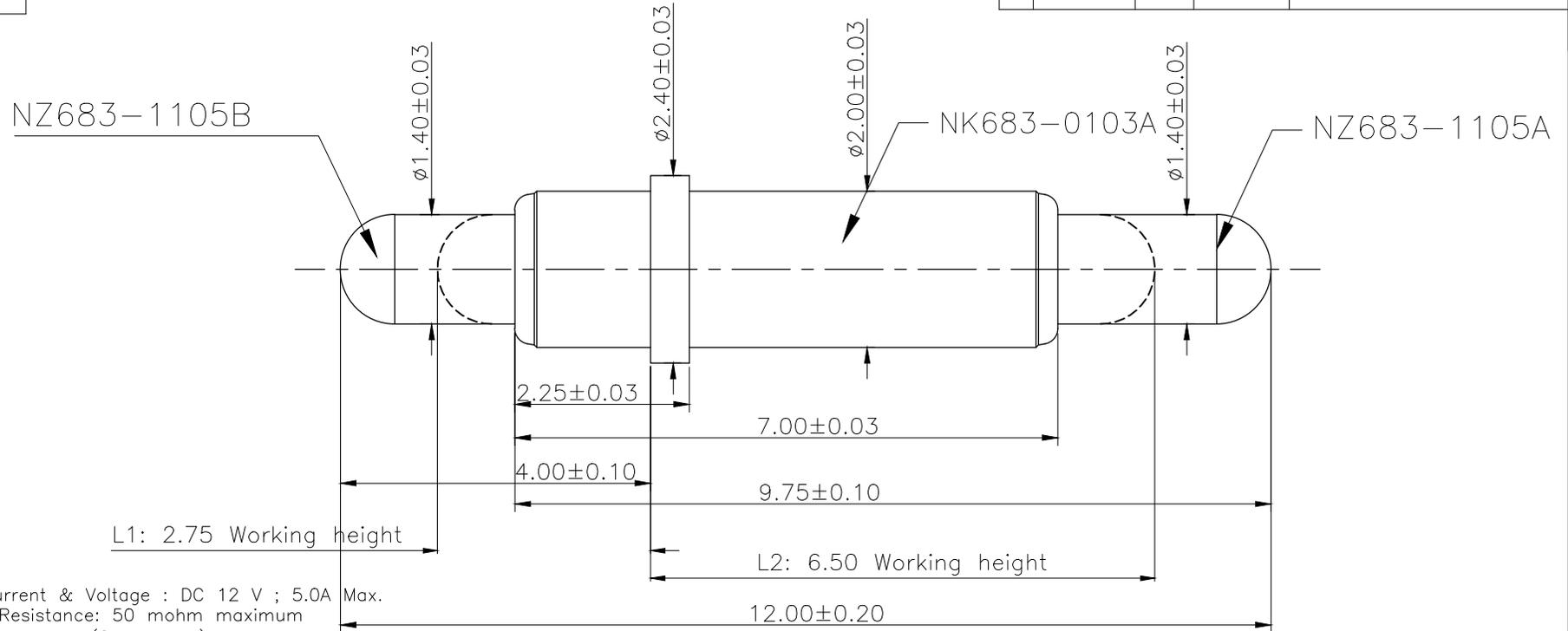


Please Approve this Drawing	
Date	
Signature	

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	1	HBi59	AU 5 U" MIN OVER 50~100 U" NI
2	Barrel	1	HBi59	AU 3 U" MIN OVER 50~100 U" NI
3	Spring	1	SUS304	Not Plated



NOTES:

- Electrical
  - .Rated Current & Voltage : DC 12 V ; 5.0A Max.
  - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .Full store: 4.80 mm
  - .Working Store: 2.75 mm
  - .Spring Force: 55gf $\pm$ 20% at L1 Working Height  
65gf $\pm$ 20% at L2 Working Height
  - .Durability:10,000 cycles(minimum)
- Environmental
  - .Operating Temperature:  $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
  - .Humidity Range: 10%RH $\sim$ 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.1	
APPROVED		TITLE	pogo pin			Ang:
PROJECT		DRAWING NO.	NC683-01PA			0 $\pm 1^{\circ}$
SHEET	1 of 1	UNIT	mm			.0 $\pm 0.5^{\circ}$
						.00 $\pm 0.25^{\circ}$
						Dim: 0 $\pm 0.15$
						.0 $\pm 0.10$
						.00 $\pm 0.05$

VER.	DESCRIPTION	ECN NO.	DATE