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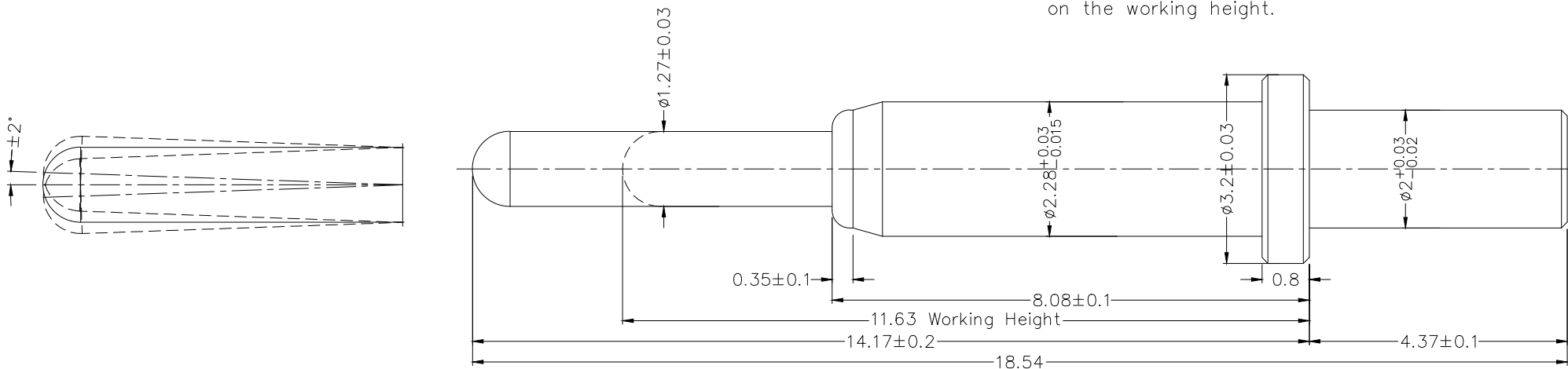
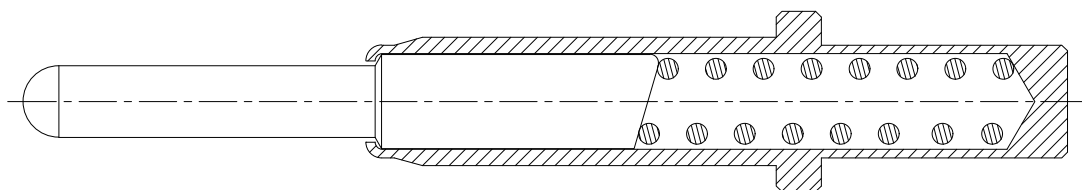
PART NAME	MATERIAL	PLATED SURFACE
PLUNGER	HBi59	AU 30U" MIN. OVER 100U" NI
BARREL	HBi59	AU 16U" MIN. OVER 100U" NI
SPRING	SUS304	

RoHS  
Compliant

ZONE	SYMBOL	REVISION	APPROVAL	DATE

## NOTES:

- Electrical
  - .Rated Current & Voltage:DC 12V;0.5A
  - .Contact Resistance:45 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .Full Stroke:3.81mm
  - .Finit:0.40N
  - .Spring Force:0.50N at 12.89mm
  - .Spring Force:0.60N±0.17N at 11.63mm Working Height
  - .Spring Force:0.70N at 10.36mm
  - .Durability:10,000 cycles(minimum)
- Environmental
  - .Operating Temperature:−30°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.



LINKPLEX TECHNOLOGY LIMITED

DESIGN	J.X.KUANG	DATE	1-8-2022	SCALE	10:1
DRAWING	N.X.LIU	DATE	1-8-2022	MATERIAL	
CHECK	T.Y.LI	DATE	1-8-2022	DWG. NO.	TZ\PG011/1.0
APPROVAL		DATE	1-8-2022	SHEET	1/1

PART NAME	POGO PIN	TOLERANCE UNLESS	0.±0.15	UNIT:	
PART NO.	LPG-011	OTHERWISE SPECIFIED:	0.0±0.1 0.00±0.05	mm	

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