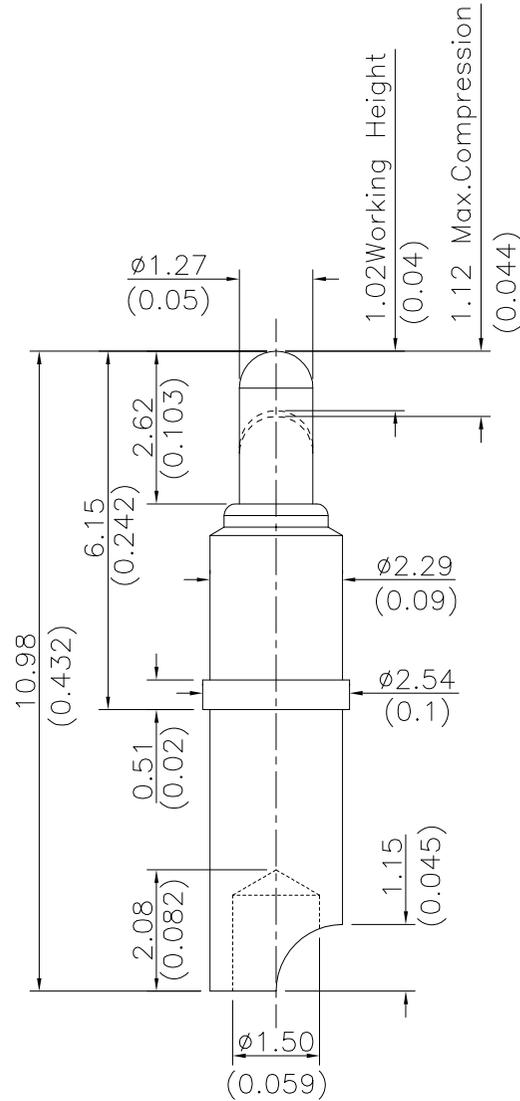


Please Approve this Drawing	
Date	
Signature	



Schematic View



NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	1	C14500	Au 1.25um Min. OVER 1.25~2.5um Ni
2	Barrel	1	C14500	Au 0.50um Min. OVER 1.25~2.5um Ni
3	Spring	1	SUS304	N/A
4	Ball	1	Insulation ball	/

NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 20A
 - .Peak Current:25A
 - .Contact Resistance: 30 mohm maximum at Working Height(Quiescence)
- Mechanical
 - .Full store: 1.10 mm
 - .Spring Force : 150gf±20%gf at Working Height
 - .Durability:10,000 cycles(minimum)
- 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.

DRAWN	Devin	DATE	2022.07.08		
CHECKED		SCALE	10:1	VER.	A.0
APPROVED		TITLE	Pin Connector		
PROJECT		DRAWING NO.	NC4891-01PA		
SHEET	1 of 1	UNIT	mm		



Dongguan Promax Electronics Technology Co., Ltd.

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

VER.	DESCRIPTION	ECN NO.	DATE