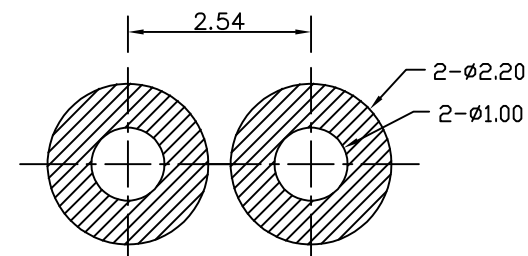
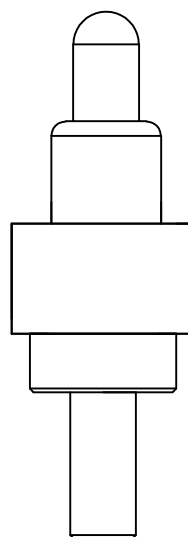


NO.	ECN NO.	DESCRIPTION	DATE



RECOMMENDED PCB LAYOUT

Note:

- 1: Material (材料):
Housing: PA46+30%GF (胶芯: PA46)
Barrel: Brass C3604 (针管: 黄铜 C3604)
Plunger: Brass C3604 (针头: 黄铜 C3604)
Spring: SUS304 (弹簧: SUS304)
- 2: Plating (电镀):
Barrel: 3u' Au over 50~80u' Ni (针管: 镀金3u', 镍底50~80u'.)
Plunger: 3u' Au over 50~80u' Ni (针头: 镀金3u', 镍底50~80u'.)
Spring: No plated (弹簧: 不电镀)
- 3: Electrical (电气特性):
Rated Current & Voltage: DC 12V; 2A (额定电压&电流: 直流12V, 2A)
Contact Resistance: 50 mohm Max. at working height.
接触电阻: 最大50毫欧 (在工作高度状态下)
Insulation Resistance: 1,000M Ω minimum. (绝缘电阻: 1,000M Ω 以上)
Dielectric Withstand Voltage: 500VAC/minute. (抗击电压: 500VAC/minute)
- 4: Mechanical (机械性能):
Force: 120g $\pm$ 20% at working height. (120g $\pm$ 20% 在工作高度)。
Durability: 10.000 cycles(min) (寿命: 10000次)
- 5: WorkTemperture (工作环境):
Withstanding Higt Temperature: 280 $^{\circ}$ C
Operational Temperature: -20 $^{\circ}$ C ~ +70 $^{\circ}$ C



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SCALE:	N/A	UNIT	mm
SHEET:	1 of 1	PROJECTION	
DATE:	2025.2.21	VER.	A.2

THE UNMARKED TOLERANCE ARE AS BELOW :

LENGTH		ANGLE	
X.XX	±0.05mm	X.XX	±0.50°
X.X	±0.10mm	X.X	±1.00°
X.	±0.20mm	X.	±2.00°

DESIGNED BY:		DWG. NO.	YZP0113-20072-02025-04
CHECKED BY:		TITLE:	Pogo pin 连接器
APPROVED BY:			

Pogo pin 连接器