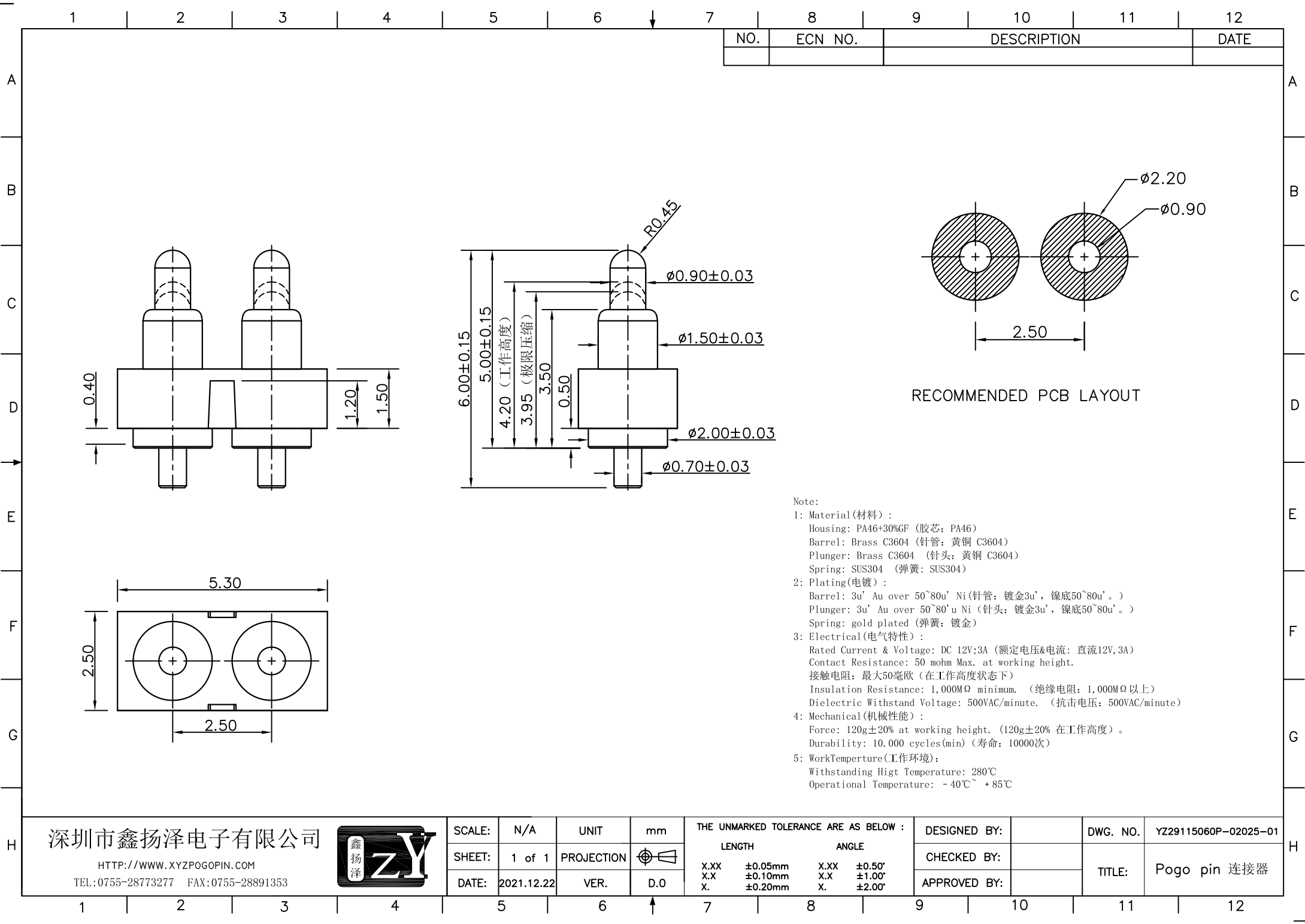
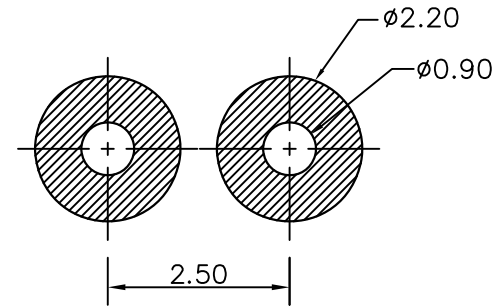




NO.	ECN NO.	DESCRIPTION	DATE



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: gold plated (弹簧: 镀金)

3: Electrical(电气特性):
Rated Current & Voltage: DC 12V;3A (额定电压&电流: 直流12V, 3A)
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: - 40 $^{\circ}$ C ~ + 85 $^{\circ}$ C

深圳市鑫扬泽电子有限公司

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SCALE:	N/A	UNIT	mm
SHEET:	1 of 1	PROJECTION	
DATE:	2021.12.22	VER.	D.0

THE UNMARKED TOLERANCE ARE AS BELOW :			
LENGTH		ANGLE	
X.XX	$\pm$ 0.05mm	X.XX	$\pm$ 0.50 $^{\circ}$
X.X	$\pm$ 0.10mm	X.X	$\pm$ 1.00 $^{\circ}$
X.	$\pm$ 0.20mm	X.	$\pm$ 2.00 $^{\circ}$

DESIGNED BY:		DWG. NO.	YZ29115060P-02025-01
CHECKED BY:		TITLE:	Pogo pin 连接器
APPROVED BY:			