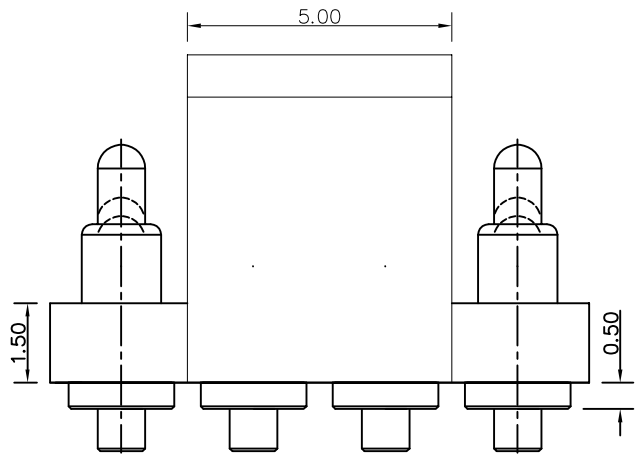
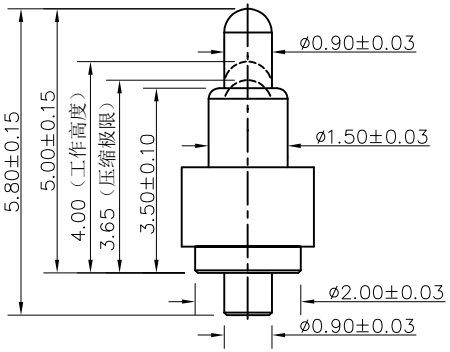
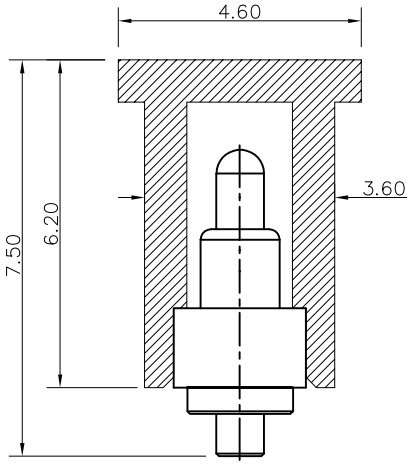
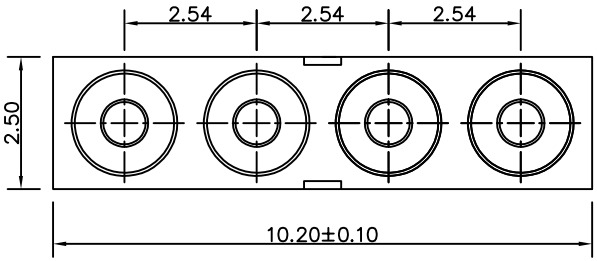
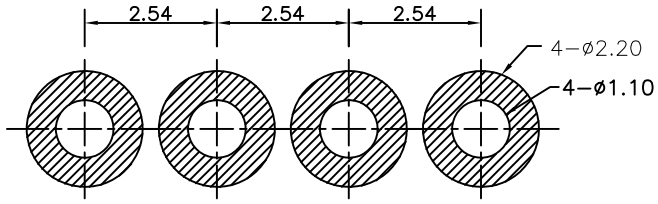
NO.	ECN NO.	DESCRIPTION	DATE











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 50~80'u 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: 1,000MΩ minimum. （绝缘电阻：1,000MΩ以上）
Dielectric Withstand Voltage: 500VAC/minute. （抗击电压：500VAC/minute）

4: Mechanical(机械性能)：
Force: 40g±20% at working height. (40g±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℃
Operational Temperature: −20℃~ +70℃

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SCALE:	N/A	UNIT	mm
SHEET:	1 of 1	PROJECTION	
DATE:	2024.9.5	VER.	D.0

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.	YZ85915058P-04025-02
CHECKED BY:		TITLE:	Pogo pin连接器
APPROVED BY:			