



RECOMMEND PCB LAYOUT  
Layout Tolerance:  $\pm 0.05\text{mm}$

### NOTE

- Material  
Plunger: Brass  
Barrel: Brass  
Spring: SUS  
Housing: PA46
- Plating  
Plunger: Au over NI  
Barrel: Au over NI
- Electrical  
Rated current & voltage: DC 12V; 2.0A Max.
- Mechanical  
Spring force:  $60\text{g} \pm 20\%$  at normal working height  
Durability: 10,000 cycles(minimum)
- To ensure the best usage, please operate it based on the working height Based on the engineering drawings, shall not exceed the maximum allowed compression
- To avoid arcing issue, The adaptor start to power supply after connector mated fully.



**东莞市溪榜电子有限公司**  
DONG GUAN XI BANG ELECTRONICS CO., LTD.

TOLERANCE UNLESS OTHERWISE STATED:  
Up to 5  $\pm 0.2$   
Above 5 ~ 15  $\pm 0.3$   
Above 15 ~ 30  $\pm 0.4$   
Above 30 ~ 50  $\pm 0.5$   
Angle  $\pm 0.3$

3RD. ANGEL'S



UNITS

MM

DRAWN BY:	DATE
Jack Lu	04/01/21
CHECKED BY:	DATE
Jacky Chen	04/01/21
APPROVED BY:	DATE
Tony Kao	04/01/21

MAT'L		TITLE	CONNECTOR
FINISH		MODLE	POGO PIN
SCALE	1 : 1	DWG NO.	XB-PGC-SP-254-4P-M
SHEET NO.	1 of 1	PART NO.	Thimble Connector
			SIZE A4
			VER R

ITEM NO.	DESCRIPTION	DRAWN	DATE
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