

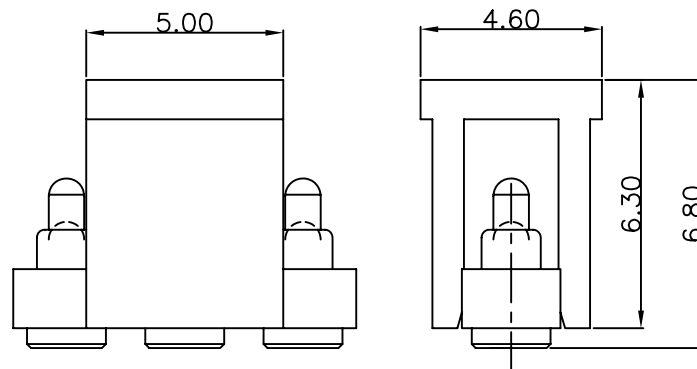
1

2

3

4

5



## NOTE

## 1.Material

Plunger: Brass 3604

Barrel: Brass 3604

Spring: SUS304

Housing:PA46

## 2.Plating

Plunger: 3 micro-inch minimum Au over 50~100 micro-inch nickel

Barrel: 3 micro-inch minimum Au over 50~100 micro-inch nickel

## 3.Electrical

Rated current &amp; voltage: DC 12V; 1.0A Max.

Contact resistance: 50 mohm maximum at normal working height(quiessence)

## 4.Mechanical

Spring force: 100g±20% at normal working height

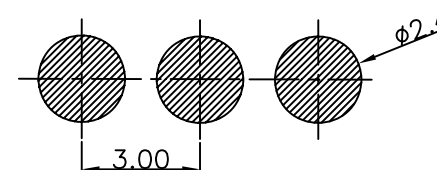
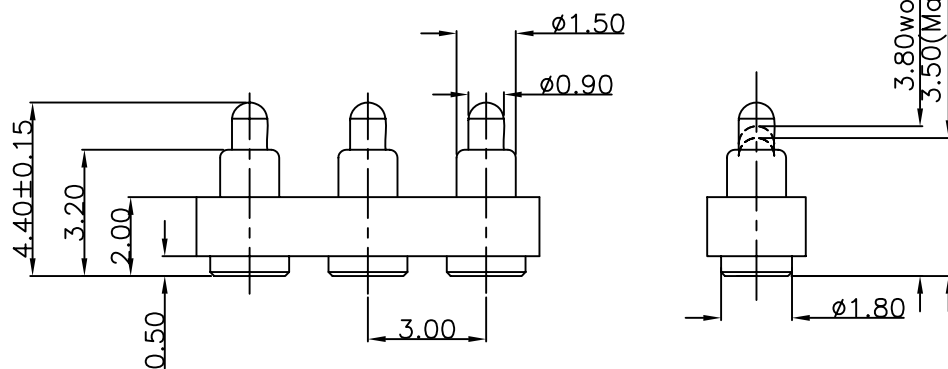
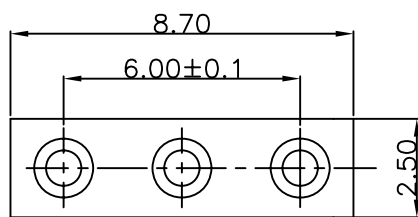
Durability: 10,000 cycles(minimum)

## 5.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

## 6.To avoid arcing issue, The adaptor start to power supply after connector mated fully.

## 7.RoHS compliant product.




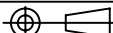
RECOMMEND PCB LAYOUT  
Layout Tolerance: ± 0.05mm

A

B

C

D

E				DRAWN: Ken Wang	GENERAL TOLERANCE: .X=±0.2 .XX=±0.15		DESCRIPTION: Pogo Pin Plug Single Row H=4.4mm	SIZE <b>A4</b>
D				CHECKED: Lily Chou	UNIT: MM			
C					SCALE:2:1			
B	07-Mar-2022	Amend Cap Dim	Ken Wang	APPROVAL: Chao Peng	SHEET: 1 / 1	PART NO:		
A	17-Dec-2021	(H0001)	Ken Wang		PROJECTION: 	PGA30-03G-44-CR		
REV	DATE	FILE	BY					