

Mechanical Performance:<机械性能>

.spring force: 120g±20g at 3.4mm working height

<单针弹力: 在工作高度3.4mm 弹力120g±20g>

.Max. compression: 3.2mm

<最大压缩高度: 3.2mm>

.Mechanical Life : 20,000 cycles

<机械寿命: 20,000次>

Electrical Performance:<电气性能>

.Rated voltage & current : DC12V; 1A Max.

<额定电压&电流: DC12V; 1A Max>

.Static impedance: 50 milliohm Max.

<静态阻抗: 50毫欧最大>

.When the current is more than 1A ,then need to add a delay circuit(3 second)

<当电流大于1A时,则需要增加延时电路(3秒)>

Environment performance:<环境性能>

.Operating Temp:-40 to +105℃

<工作温度范围: -40 to +105℃>

.Resistance to Solder heat: 260℃±5° 20s±2s

<焊锡耐热性: 260℃±5° 20s±2s>

.Salt spray test: 5% salt solution, no rust for 48 hours

<盐雾测试:5%盐溶液, 48小时无锈蚀>

.RoHS compliant product

<符合RoHS产品要求>

."★"Marked is Critical dimension," (cpk) " Marked is cpk dimension, they must be checked by QC.

<标示"★"是重点尺寸,标示"(cpk)"是cpk尺寸,它们必须被QC检查.

First Part Inspections are marked by ball marker"⊙"

用球标标示的是首件尺寸"⊙"

To ensure the best usage, please operate it based on the working height.

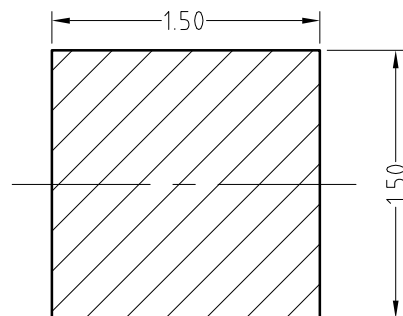
为确保最佳使用,请根据工作高度进行操作。

Based on the engineering drawings, shall not exceed the maximum allowed compression
根据工程图纸,不应超过允许的最大压缩量。.

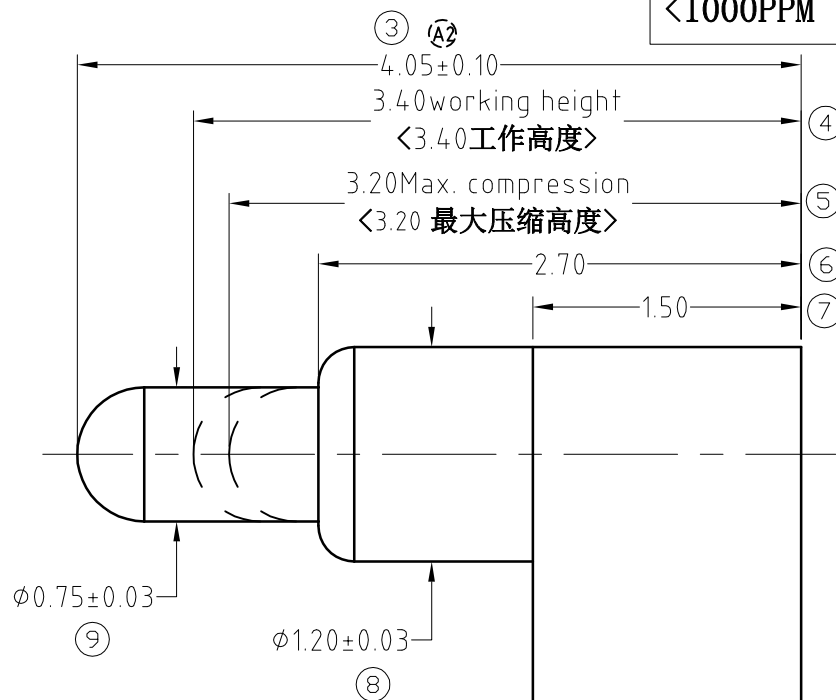
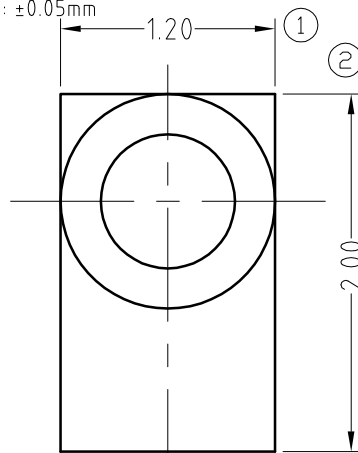
Approved Signature

RoHS

无铅
Lead-free
<1000PPM



Recommended pcb layout
layout tolerance: ±0.05mm



Spring:SUS Au <弹簧: 不锈钢 表面镀金>	B236-S4001	1PC	(A4)
Plunger:Lead-free Brass C6801 0.25um Au over 1.25~3.0um Ni <针轴: 无铅黄铜C6801 底层镀镍1.25~3.0um 表面镀金0.25um>	B236-P4010-F	1PC	(A3)
Barrel:Lead-free Brass C6801 0.25um Au over 1.25~3.0um Ni <针管: 无铅黄铜C6801 底层镀镍1.25~3.0um 表面镀金0.25um>	B236-B1010-F	1PC	(A3)
规格 <Specification>	料号 <P/N>	用量 <Usage>	

A4	2022. 04. 27	变更弹簧料号
A3	2021. 11. 11	Modify environmental requirements, modify to lead - free material 修改环保要求修改材质
A0	2015. 11. 27	New Release新发行
REV	DATE日期	DESCRIPTION 描述

SCALE	NA	UNIT:mm	THIS DOCUMENT IS THE SOLE PROPERTY OF CPE CORPORATION CO.,LTD., AND SHOULD NOT BE USED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN PERMISSION.	GLOBAL CONNECTION SYSTEM SOLUTIONS	
ANGLE	±2°	A4			
0~6	±0.05		SHEET: 1 of 1		
>6~30	±0.10	DRAW		PART NO.	BE23641-F
>30	±0.15	CHECK		FILE NAME	BE236XX
GENERAL TOLERANCE UNLESS OTHERWISE NOTED		APPRO		TITLE.	Lead-free Pogo pin/无铅弹簧针