

Note:

Materials:

- Insulator: Black HTN U194 V-0
- Plunger: Brass 0.375um Au over Ni
- Barrel: Brass 0.375um Au over Ni
- Spring: SUS Au

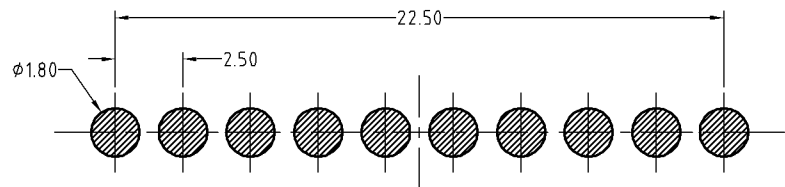
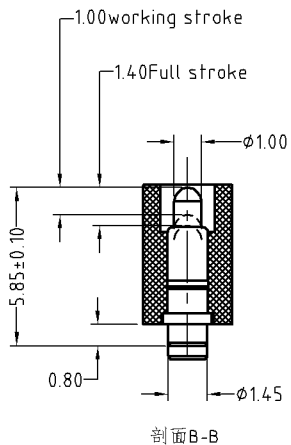
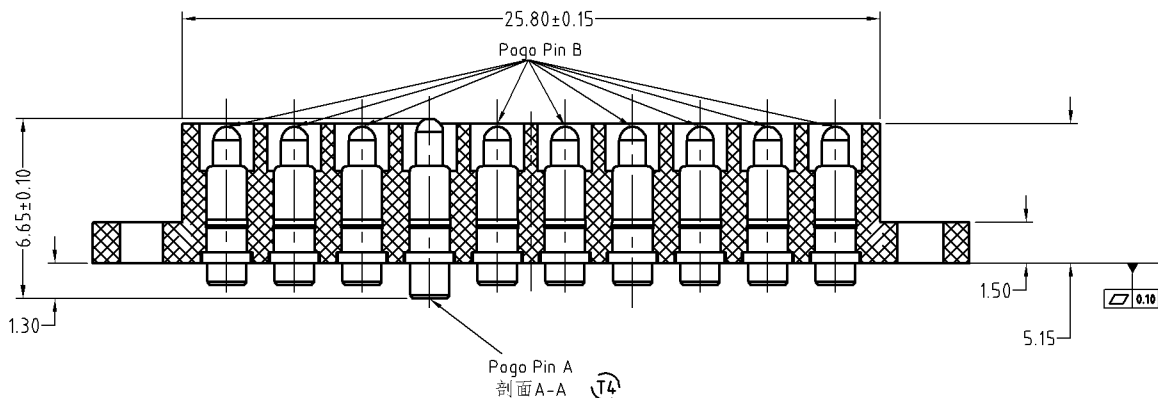
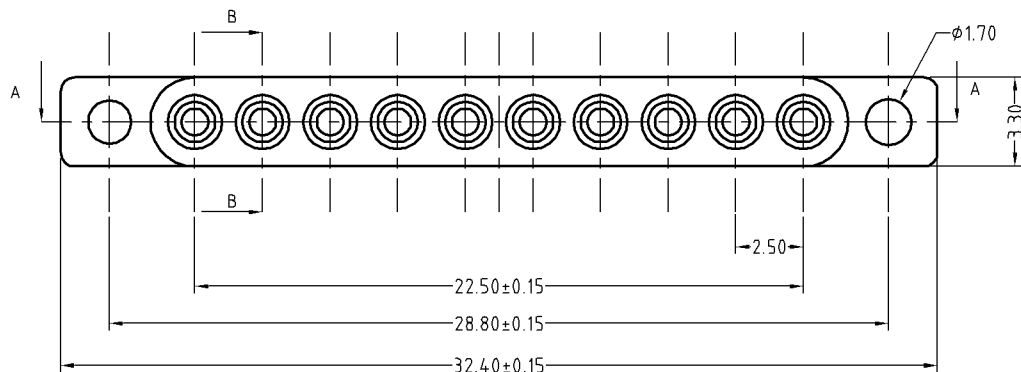
Mechanical:

- Pogo B Contact force: 70g±20g at 1.0mm working stroke
- Full stroke: 1.4mm
- Pogo A Contact force: 100g±20g at 1.4mm working stroke
- Full stroke: 1.7mm
- Life test: 20,000 cycles

Electrical:

- Rated current & voltage: DC 12V; 1A Max.
- Contact resistance: 50 milliohm Max.

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.



Recommended pcb layout
layout tolerance: ±0.05mm



BOM		
Part	NO.	Qty
Pogo pin B	BP51311	9
Pogo pin A	BP51341	1
Housing	B513-H1007	1

ECN(DCN) NO.	REV	DATE	DESCRIPTION
	A4	2016.02.19	修改Pin针高低
	A3	2016.01.22	修改Pin针高低
	A2	2016.01.09	修改胶芯颜色
	A1	2015.12.14	修改电镀膜厚
	A0	2015.10.06	NEW

SCALE	10:1	UNIT:mm	THIS DOCUMENT IS THE SOLE PROPERTY OF CFE CORPORATION CO.,LTD., AND SHOULD NOT BE USED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN PERMISSION.
ANGEL	±1°	A4	
0-6	±0.05		SHEET: 1 of 1
6-30	±0.10	DRAW	
30-150	±0.15	CHECK	
GENERAL TOLERANCE UNLESS OTHERWISE NOTED		APPRO	

		东莞市川富电子有限公司 CFE CORPORATION CO.,LTD.	
PART NO.	BP51311-10250H0A		
FILE NAME	BP513XX		
TITLE.	Pogo pin connector		