Mechanical Performances:<机械性能>
.spring force: 40g±20g at 1.5mm working stroke
<单针弹力：在工作行程1.5mm 弹力40g±20g>
.Max stroke: 3.0mm
<最大行程;3.0mm>
.Machanical Life : 20,000 cycles
<机械寿命：20,000次>

Electrical Performances:<电气性能>
.Rated current & voltage: DC12V; 1A Max.
<额定电压&电流：DC12V; 1A Max>
.Contact resistance: 50 milliohm Max.
<接触电阻：50毫欧最大 >
.Cannot be use as the charging
不能用于充电应用
.When the current is more than 1A, then need to add the delay circuit(3 second)to it.
<当电流大于1A时，则需要增加延时电路(3秒)>

Environment performances:<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:48h
<盐雾测试48小时>
.Critical dimension:★
<重点尺寸：★>
.RoHS compliant product
<符合RoHS 产品>

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。.

Customer Signature

东莞市川富电子有限公司
DONGGUAN CFE ELECTRONIC CO.,LTD
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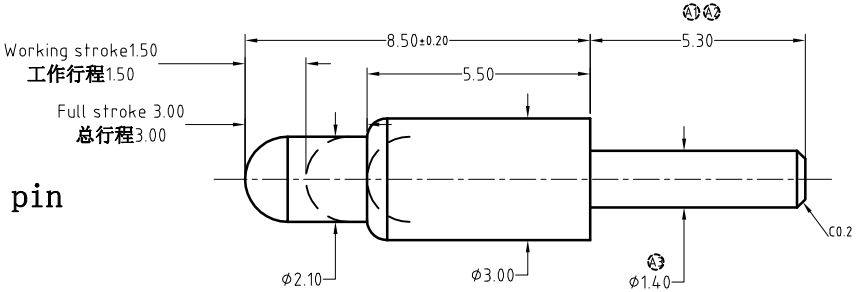
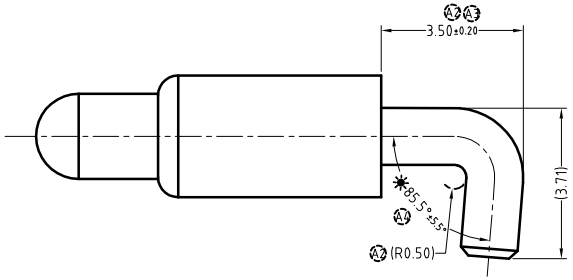
铆合单针
Riveting single pin



折弯单针
Bending a single needle



Spring:SUS304 Au <弹簧：不锈钢304 表面镀金>	B697-S1001	1
Plunger:Brass C3604 0.025um Au over Ni <针轴：黄铜C3604 底层镀镍 表面镀金0.025um>	B697-P1001	1
Barrel:Brass C3604 0.025um Au over Ni <针管：黄铜C3604 底层镀镍 表面镀金0.025um>	B697-B1001	1
<Specification> 规格	<P/N>料号	<Qty>数量

A3

REV	Date日期	Description描述
A4	2017.08.14	Increase the control size of the bending angle 增加折弯角度管控尺寸
A3	2017.04.19	Modify bending dimensions 修改折弯尺寸
A2	2016.06.11	Modify bending dimensions and tolerances 修改折弯尺寸及公差
A1	2016.06.11	Modify size 修改尺寸
A0	2016.05.30	New Release 新发行

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.		弹簧针磁吸连接器解决方案商 Pogo Pin Magnetic Connector Solutions	
ANGEL	±2°	A4				
0~6	±0.05		SHEET: 1 of 1			
6~30	±0.10	DRAW	Julia		PART NO.	BP69711
30~150	±0.15	CHECK	Micheal		FILE NAME	BP697XX
GENERAL TOLERANCE UNLESS OTHERWISE NOTED		APPRO	Simon		TITLE.	Pogo pin/弹簧针