

Mechanical performance:<机械性能>

- .Single pin Contact force: 70g±20g at 1.0mm working stroke
- <接触弹力: 70g±20g在1.0mm的工作行程>
- .Full stroke: 1.40mm <最大行程: 1.40mm>
- .Life test: 50,000 cycles <寿命: 50000次>

Electrical performance:<电气性能>

- .Rated voltage & current: DC 12V, 2A Max.
- .Single pin Contact resistance: 50 milliohm Max.
- <单pin接触阻抗: 50 milliohm Max.>
- .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)>
- .100% open & short test.
- <100%导通,短路测试>

Environment performance:<环境性能>

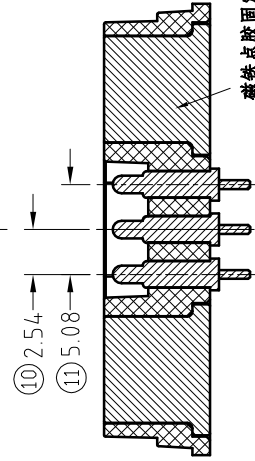
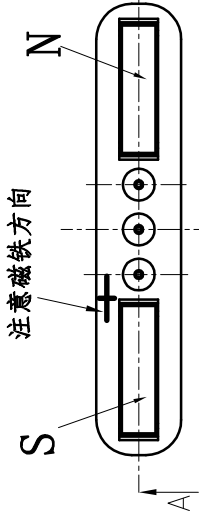
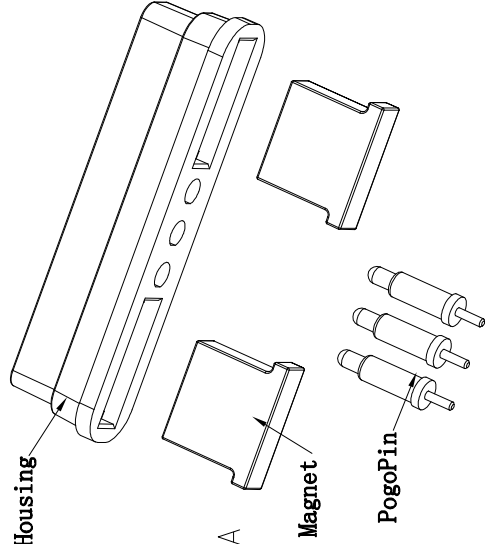
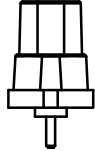
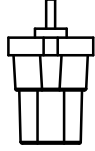
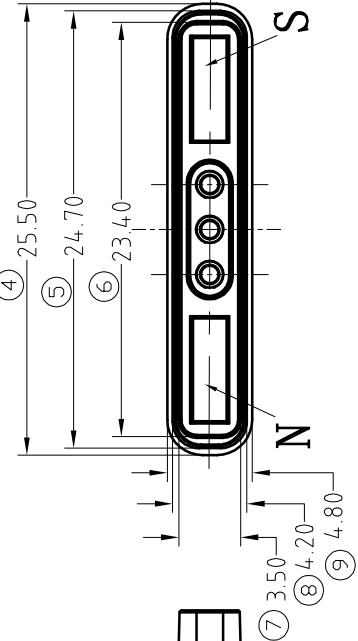
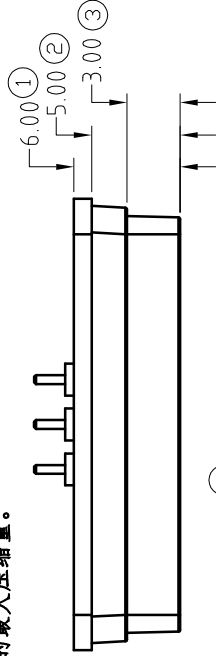
- .Operating Temp:-30 to +60℃
- <工作温度: -30 to +60℃>
- . "★"Marked is Critical dimension, "cpk" Marked is cpk dimension, they must be checked by QC.
- <标示"★"是重点尺寸,标示"cpk"是cpk尺寸,它们必须被QC检查. First Part Inspections are marked by ball marker "XX" >
- <用球标示的是首件尺寸"XX">
- .The product must be checked for use by male and female
- <产品必须做公母对接使用检验>
- .The magnetic adsorption force of male and female is 500g Min.
- <公母吸附力为500g最小>
- .RoHS compliant product
- <符合RoHS产品要求>

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。

无铅
Lead-free
<1000PPM

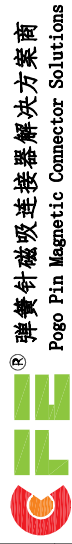


磁铁点胶固定,
保持力500g,不会松动

截面 A-A

5	CFE包装	MMB000106-03A0AF-PK	
4	Pogo pin: Lea-free Brass C6801 plating 0.125um Au, <弹黄针: 针轴无铅黄铜C6801镀金0.125um,>	MP210-2111-F	3PCS
3	N52 NdFeB Magnet plating Ni-Cu-Ni <N52 钕铁硼磁铁 表面镀镍>	B647-M1101	IPC
2	N52 NdFeB Magnet plating Ni-Cu-Ni <N52 钕铁硼磁铁 表面镀镍>	B647-M2102	IPC
1	Black HTN UL94 V-0 <黑色 HTN UL94 V-0>	B701-H3003	IPC
序号 <NO.>	规格 <Specification>	料号 <P/N>	用量 <Usage>

SCALE	NA	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.	
ANGLE	±2°	A4	SHEET: 1 of 1	
0°6	±0.10			
>6°30	±0.20	DRAW		
>30	±0.30	CHECK		
GENERAL TOLERANCE UNLESS OTHERWISE NOTED		APPRO		



弹黄针磁吸连接器解决方案商
Pogo Pin Magnetic Connector Solutions

A1	2022.04.04	有铅改无铅 (相关料号同步更新)	
A0	2017.03.01	New Release新发行	
REV	DATE日期	DESCRIPTION描述	

PART NO.	MMB000106-03A0AF
FILE NAME	BP701XX
TITLE.	Lead Free Male Magnetic connector 无铅公端磁吸连接器