

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

.Life test: 50,000 cycles

<寿命: 50000次>

Electrical performance:<电气性能>

.Rated voltage & current: DC 12V, 2A Max.

<额定电压, 电流: DC 12V, 2A Max>

.Single pin Contact resistance: 30 milliohm Max.

<单pin接触阻抗: 30 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℃>

.Salt spray test: 5% salt solution, no rust for 24 hours

<盐雾测试: 5%盐溶液, 24小时无锈蚀>

. "★"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 "X"

<用球标示的是首件尺寸"X">

.The product must be checked for use by male and female

<产品必须做公母对接使用检验>

.RoHS compliant product

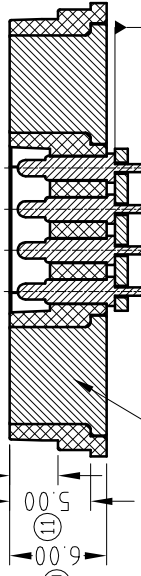
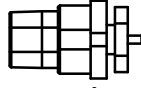
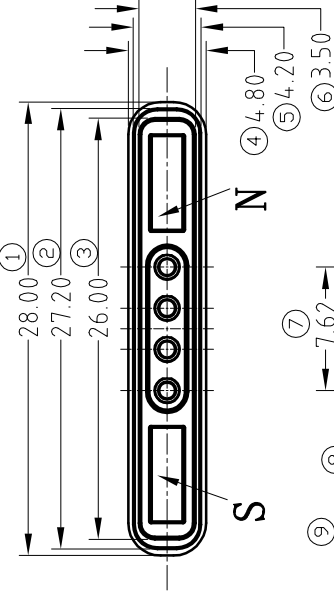
<符合RoHS产品要求>

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.



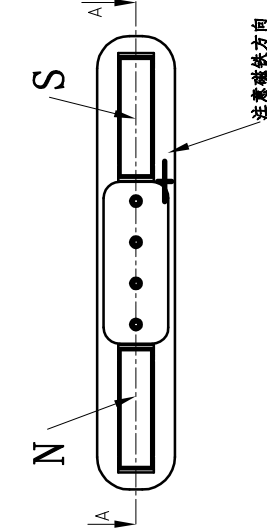
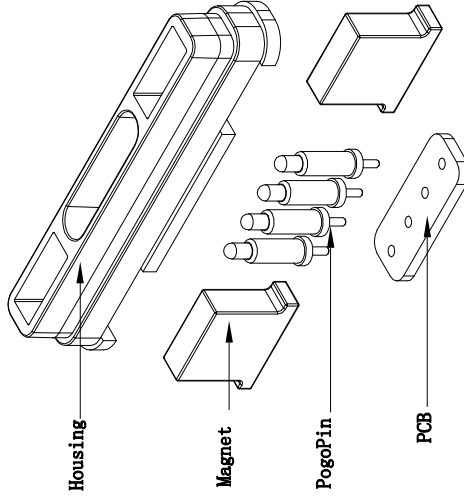
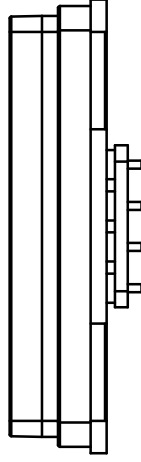
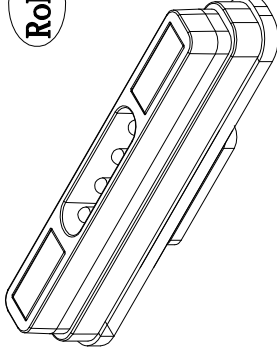
磁铁点胶固定, 保持力500g, 不会松动

截面 A-A

无铅
Lead-free
<1000PPM

RoHS

无卤
HF



序号 <NO.>	规格 <Specification>	料号 <P/N>	用量 <Usage>
6	CFE PACK <CFE包装>		
4	PCB Polyester fiber board <PCB 聚酯纤维板>	B701-F4104-F	1PC
4	Pogo pin plating 0.125um Au <弹黄针 电镀金0.125um>	MP210-2111-F	4PCS
3	N52 NdFeB Magnet plating Ni-Cu-Ni <N52 钕铁硼磁铁 表面镀镍铜镍>	B647-M1101	1PC
2	N52 NdFeB Magnet plating Ni-Cu-Ni <N52 钕铁硼磁铁 表面镀镍铜镍>	B647-M2102	1PC
1	Black HTN UL94 V-0 <黑色 HTN UL94 V-0>	B701-H4004	1PC

4Pin 黑色磁吸式连接器

A1	2021.11.24	有铅改无铅
A0	2016.11.04	New Release新发行
REV	DATE 日期	DESCRIPTION描述

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

SHEET: 1 of 1

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.	PART NO.	MMB000101-04A1AF
ANGLE	±2°	A4		FILE NAME	BP701XX
	0~6	±0.10		TITLE	Lead Free Male Magnetic connector
	>6~30	±0.20			无铅公端磁吸连接器
	>30	±0.30			
	GENERAL TOLERANCE UNLESS OTHERWISE NOTED	APPRO			