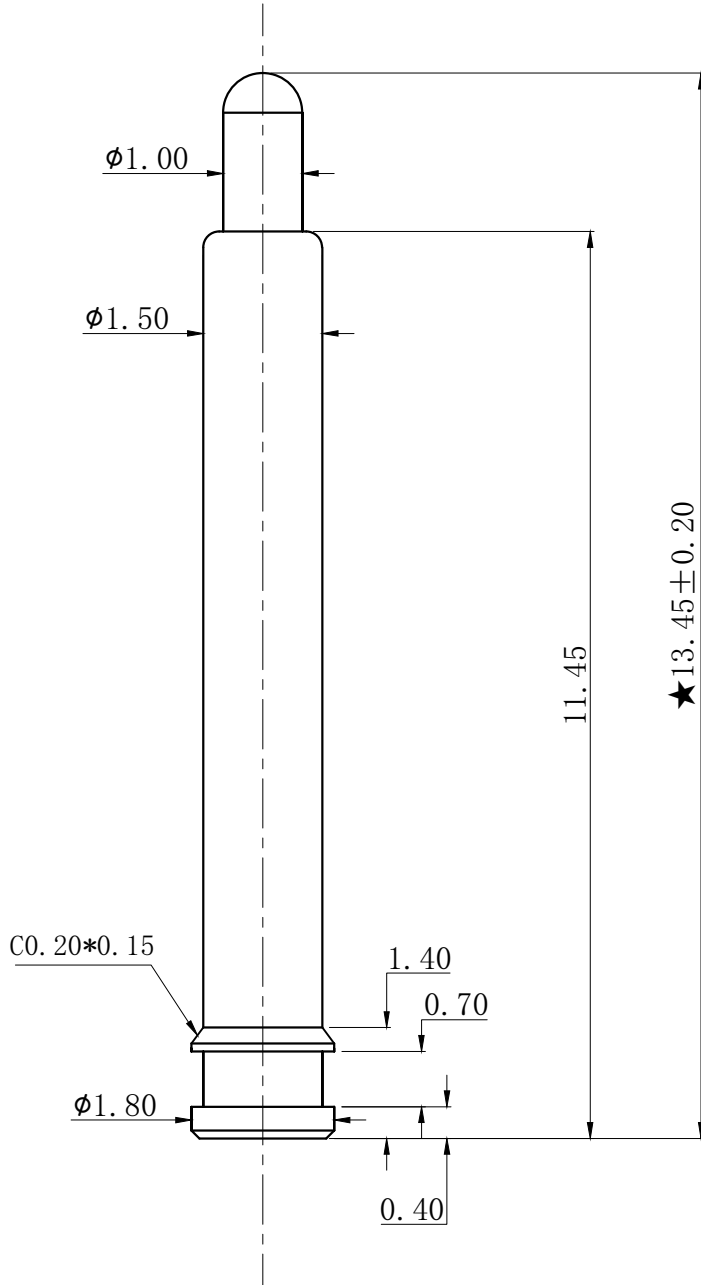


To ensure contact mechanical life, NEVER compress pogo-pin OVER defined working stroke in drawing, which may damage the inside spring.
<为确保接触机构使用寿命, 禁止超出图纸定义的工作行程, 过压缩弹性针, 可能导致内部弹簧受损>



6		7		8	
N0	Revision notes	Version	Designed by	Checked by	Date
1	Now	A0	Hans	Alan	2026.07.01

Note<注>:

-Material and coating conform to ROHS and REACH standards
<材料和涂层符合ROHS和REACH标准>

-★ Key inspection dimension
<★ 为重点检验尺寸>

Mechanical<机械性能>:

-Contact force: 220g±20% at 1.0mm working storke Full storke 1.2mm

<接触力: 在1.0mm的工作压力下弹力为220g±20% 最大行程1.2mm>

-Life test: 10,000 cycles

<寿命测试: 10000次循环>

Electrical<电气性能>:

-Rated voltage: DC 5V ; Rated current: 1A Max.

<额定电压: DC 5V 额定电流: 最大1A>

-Contact resistance of spring pin : 50 milliohm Max.

<单针接触阻抗: 最大50毫欧姆>

Environmental performance<环境性能>:

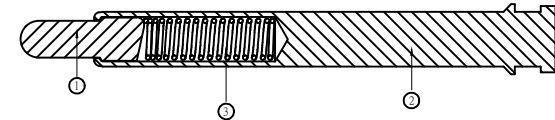
-Operation Temperature:-25℃ to +60℃

<工作温度: -25℃ 至 +60℃ >

-Salt Spray:48H

<盐雾测试: 48小时>

Section View<剖面视图>:



③	Spring <弹簧>	SUS304 Plating Au 0.025um <不锈钢304 表面镀金0.025>	1655S-1101	1
②	Tubing <针管>	Brass C6801 Plating Pd 0.25um <黄铜 C6801 表面镀钯0.25um>	1786U-110B	1
①	Plunger <针轴>	Brass C6801 Plating Au 0.125um <黄铜 C6801 表面镀金0.125um>	1655T-1305	1
N0. <序号>	Name <名称>	Specification <规格描述>	Part Number <物料编号>	Quantity <用量>

BOM
<物料清单>

Angle	±2°	Size	A4	company name	 东莞市新腾电子有限公司 Dongguan Xinteng Electronics Co., Ltd. RG-1786-11F
0°~6	±0.10	Unit	mm		
6°~30	±0.20	View		Product Number	
30°~120	±0.30	Scale	1 : 1		