



东莞市新腾电子有限公司
Dongguan Xinteng Electronics Co., Ltd.

标准弹簧针连接器

Standard Pogo pin connector



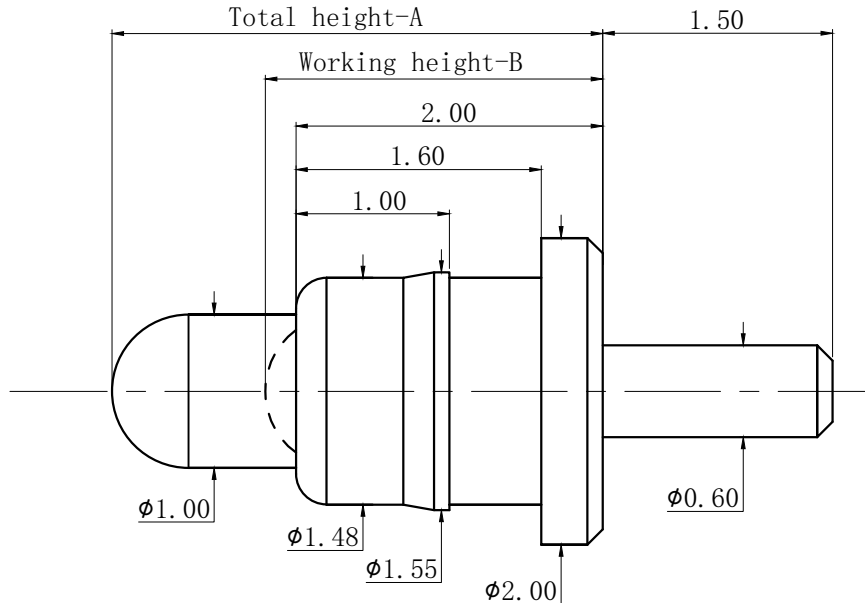
地址(Address): 东莞市长安镇乌沙蔡屋第五工业区振隆路9号

电话 (Tel) : 0769-81888501 传真 (Fax): 0769-81888502

网址 (Web site) : www.xtpogopin.com



Standard Pogo pin(标准品弹簧针)



Note(注):

- To ensure the best usage, please operate it based on the working height.
(为保证最佳使用, 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, 不得超过最大允许压缩)
- 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)
- Unit:mm
(单位: mm)

Materials:

- Plunger : Brass 0.125um Au over 1.5um~2.5um Ni
(柱塞: 黄铜 表面镀金5u 底层镀镍60u-110u)
- Tube: Brass 0.125um Au over 1.5um~2.5um Ni
(铜管: 黄铜 表面镀金5u 底层镀镍60u-110u)
- Spring: SUS 0.025um Au
(弹簧: 不锈钢 表面镀金1u)

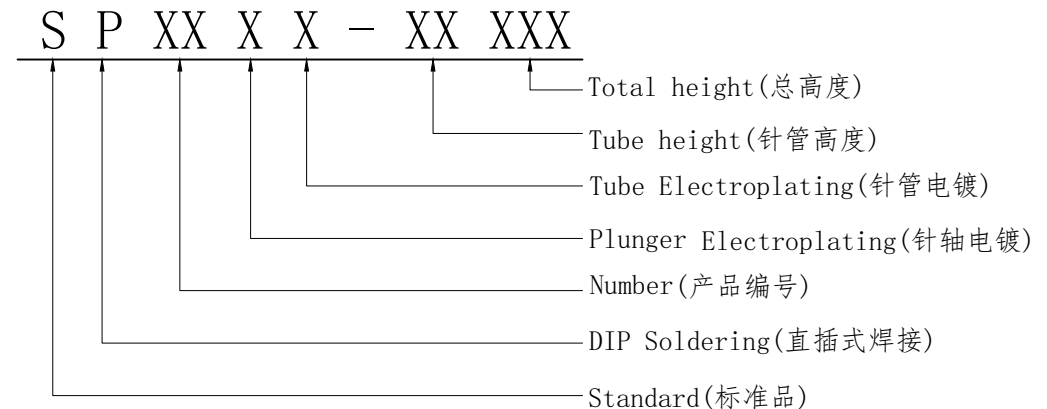
Mechanical(机械性能):

- Contact force: 30g±10g at 0.6mm working stroke Full stroke 0.8mm
(接触力: 在0.6mm的工作压力下弹力为30g±10g 最大行程0.8mm)
- Life test: 20,000 cycles
(寿命测试: 20000次循环)

Electrical(电气性能):

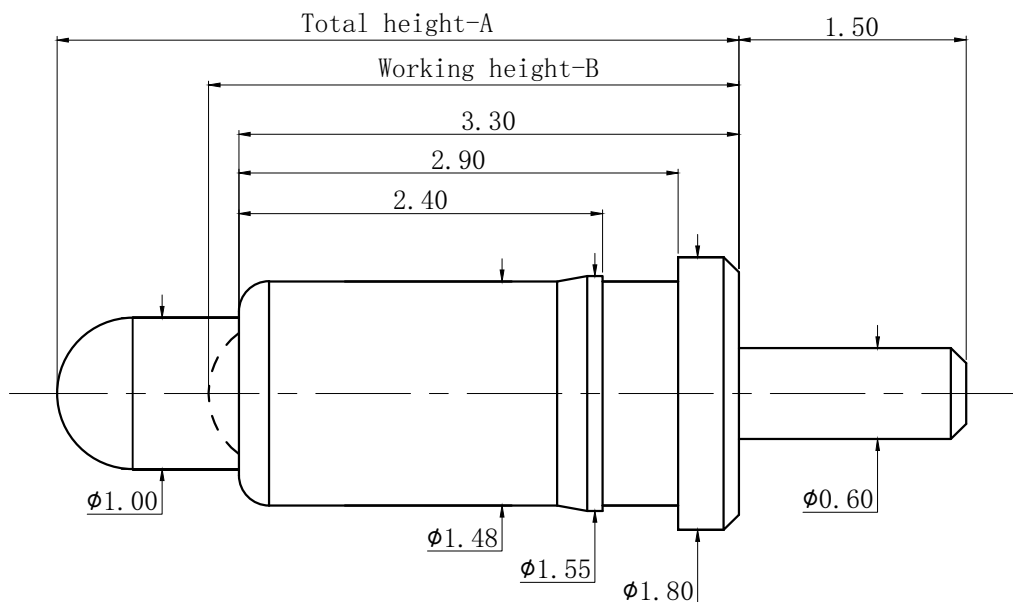
- Rated voltage: DC 12V ; Rated current: 1A Max.
(额定电压: DC 12V 额定电流: 最大1A)
- Contact resistance of SP1111-ring pin : 50 milliohm Max.
(单针接触阻抗: 最大50毫欧姆)

NO	Model (型号)	Total height-A (总高度-A)	Working height-B (工作高度-B)	Rated current (额定电流)
1	SP1111-20030	3.0	2.4	1A
2	SP1111-20035	3.5	2.9	1A





Standard Pogo pin(标准品弹簧针)



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- @Key inspection dimension
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- Unit:mm
(单位: mm)

Materials:

- Plunger : Brass 0.125um Au over 1.5um~2.5um Ni
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- Tube: Brass 0.125um Au over 1.5um~2.5um Ni
(铜管: 黄铜 表面镀金5u 底层镀镍60u-110u)
- Spring: SUS 0.025um Au
(弹簧: 不锈钢 表面镀金1u)

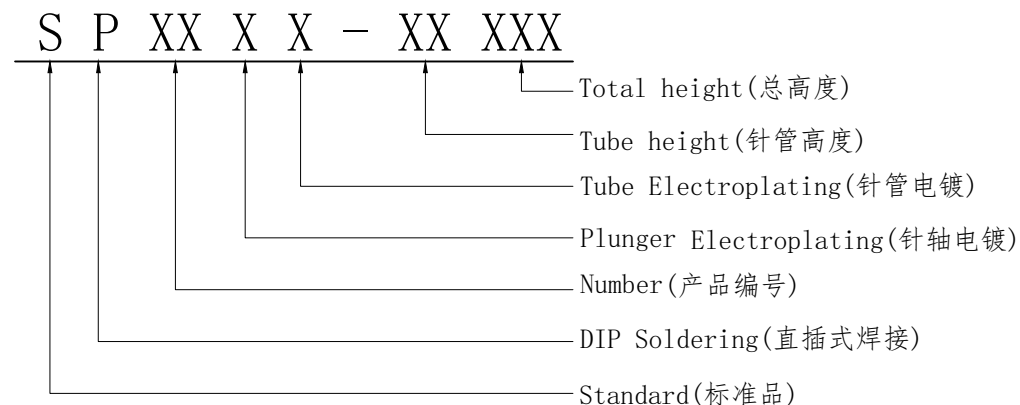
Mechanical(机械性能):

- Contact force: 80g±20g at 1.0mm working storke Full storke 1.2mm
(接触力: 在1.0mm的工作压力下弹力为80g±20g 最大行程1.2mm)
- Life test: 20,000 cycles
(寿命测试: 20000次循环)

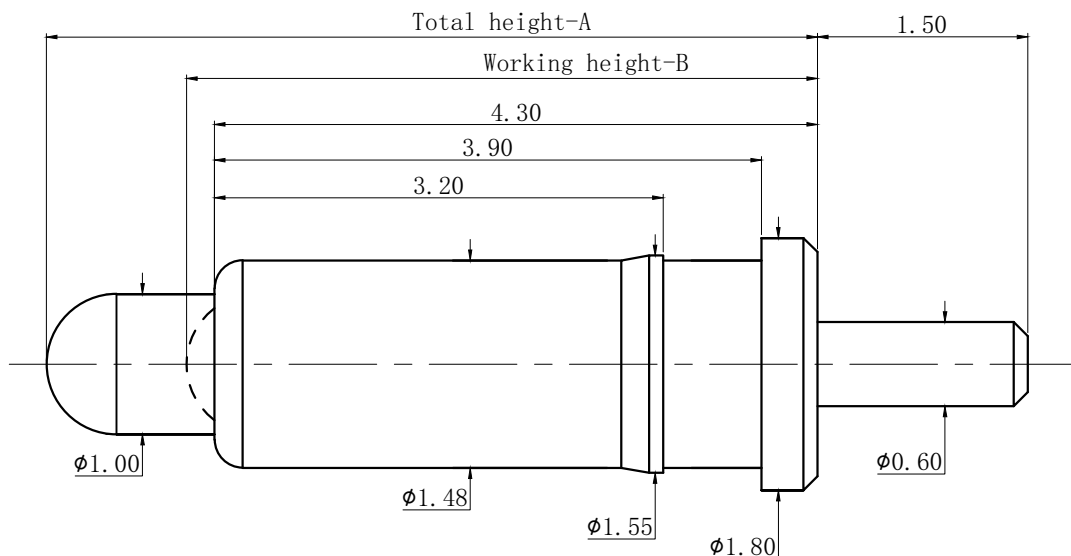
Electrical(电气性能):

- Rated voltage: DC 12V ; Rated current: 1A Max.
(额定电压: DC 12V 额定电流: 最大1A)
- Contact resistance of SP1111-ring pin : 50 milliohm Max.
(单针接触阻抗: 最大50毫欧姆)

NO	Model (型号)	Total height-A (总高度-A)	Working height-B (工作高度-B)	Rated current (额定电流)
1	SP1111-33045	4.5	3.5	1A
2	SP1111-33050	5.0	4.0	1A



Standard Pogo pin(标准品弹簧针)



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(根据工程图纸, 不得超过最大允许压缩)
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(材料和涂层符合ROHS和REACH标准)
- @Key inspection dimension
(@为重点检验尺寸)
- Unit:mm
(单位: mm)

Materials:

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- Tube: Brass 0.125um Au over 1.5um~2.5um Ni
(铜管: 黄铜 表面镀金5u 底层镀镍60u-110u))
- Spring: SUS 0.025um Au
(弹簧: 不锈钢 表面镀金1u)

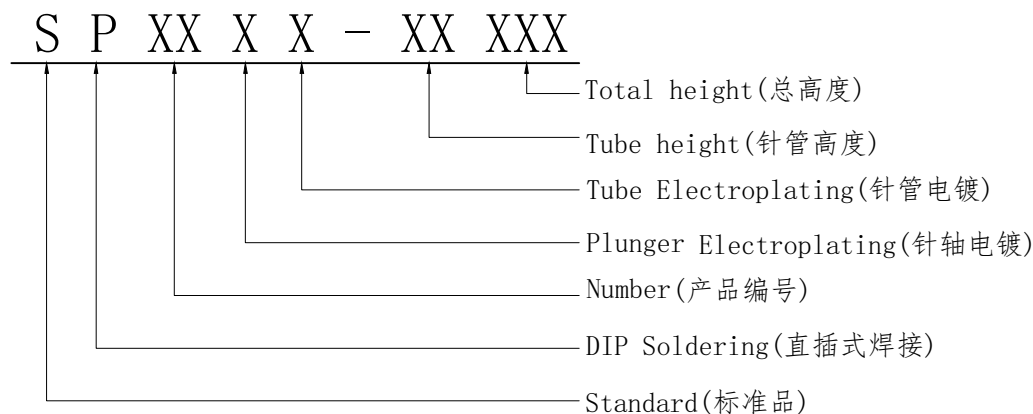
Mechanical(机械性能):

- Contact force: 80g±20g at 1.0mm working storke Full storke 1.2mm
(接触力: 在1.0mm的工作压力下弹力为80g±20g 最大行程1.2mm)
- Life test: 20,000 cycles
(寿命测试: 20000次循环)

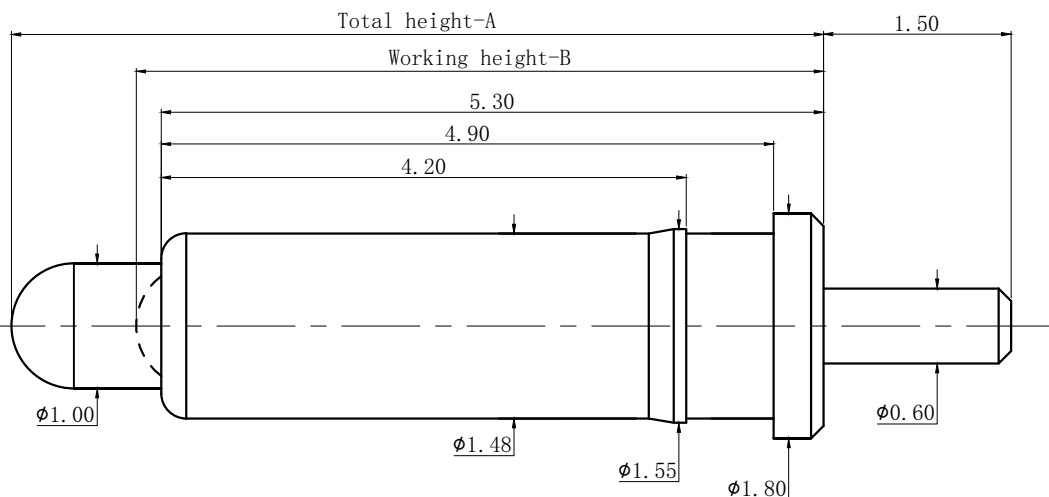
Electrical(电气性能):

- Rated voltage: DC 12V ; Rated current: 3A Max.
(额定电压: DC 12V 额定电流: 最大3A)
- Contact resistance of SP1111-ring pin : 50 milliohm Max.
(单针接触阻抗: 最大50毫欧姆)

NO	Model (型号)	Total height-A (总高度-A)	Working height-B (工作高度-B)	Rated current (额定电流)
1	SP1111-43055	5.5	4.5	3A
2	SP1111-43060	6.0	5.0	3A



Standard Pogo pin(标准品弹簧针)



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(根据工程图纸, 不得超过最大允许压缩)
- 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)
- Unit:mm
(单位:mm)

Materials:

- Plunger : Brass 0.125um Au over 1.5um~2.5um Ni
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- Tube: Brass 0.125um Au over 1.5um~2.5um Ni
(铜管: 黄铜 表面镀金5u 底层镀镍60u-110u)
- Spring: SUS 0.025um Au
(弹簧: 不锈钢 表面镀金1u)

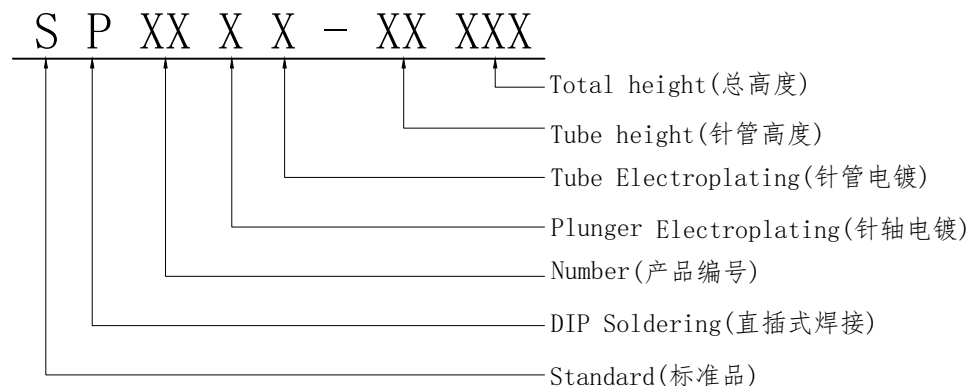
Mechanical(机械性能):

- Contact force: 80g±20g at 1.0mm working storke Full storke 1.2mm
(接触力: 在1.0mm的工作压力下弹力为80g±20g 最大行程1.2mm)
- Life test: 20,000 cycles
(寿命测试: 20000次循环)

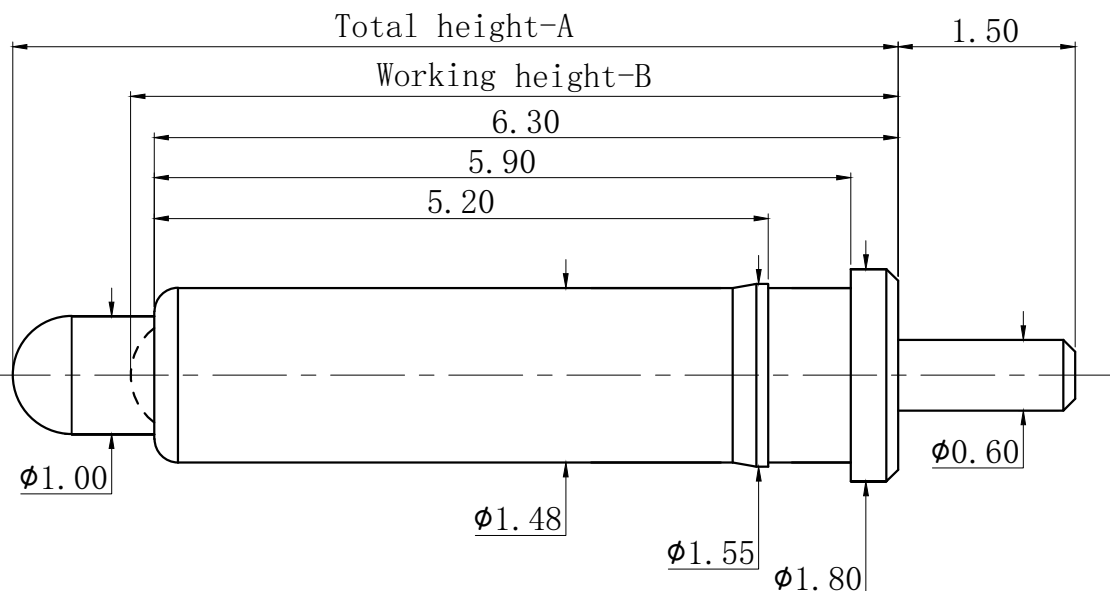
Electrical(电气性能):

- Rated voltage: DC 12V ; Rated current: 3A Max.
(额定电压: DC 12V 额定电流: 最大3A)
- Contact resistance of SP1111-ring pin : 50 milliohm Max.
(单针接触阻抗: 最大50毫欧姆)

NO	Model (型号)	Total height-A (总高度-A)	Working height-B (工作高度-B)	Rated current (额定电流)
1	SP1111-53065	6.5	5.5	3A
2	SP1111-53070	7.0	6.0	3A



Standard Pogo pin(标准品弹簧针)



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Materials:

- Plunger : Brass 0.125um Au over 1.5um~2.5um Ni
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- Tube: Brass 0.125um Au over 1.5um~2.5um Ni
(铜管: 黄铜 表面镀金5u 底层镀镍60u~110u)
- Spring: SUS 0.025um Au
(弹簧: 不锈钢 表面镀金1u)

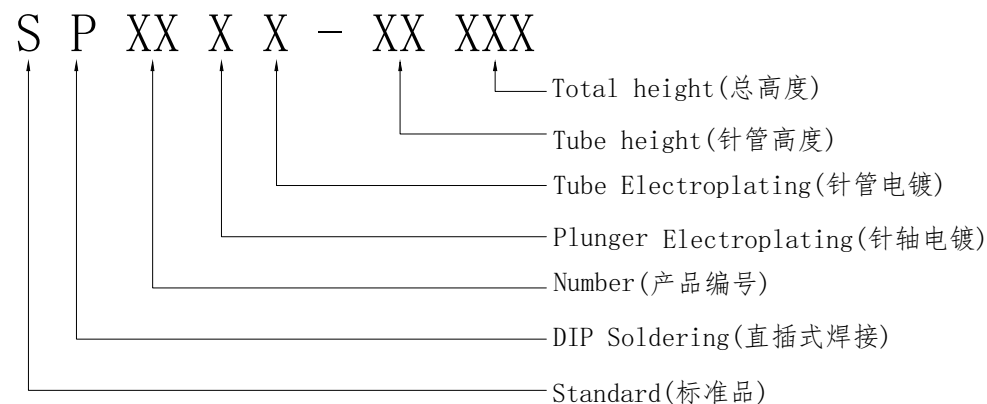
Mechanical(机械性能):

- Contact force: 80g±20g at 1.0mm working stroke Full stroke 1.2mm
(接触力: 在1.0mm的工作压力下弹力为 80g±20g 最大行程1.2mm)
- Life test: 20,000 cycles
(寿命测试: 20000次循环)

Electrical(电气性能):

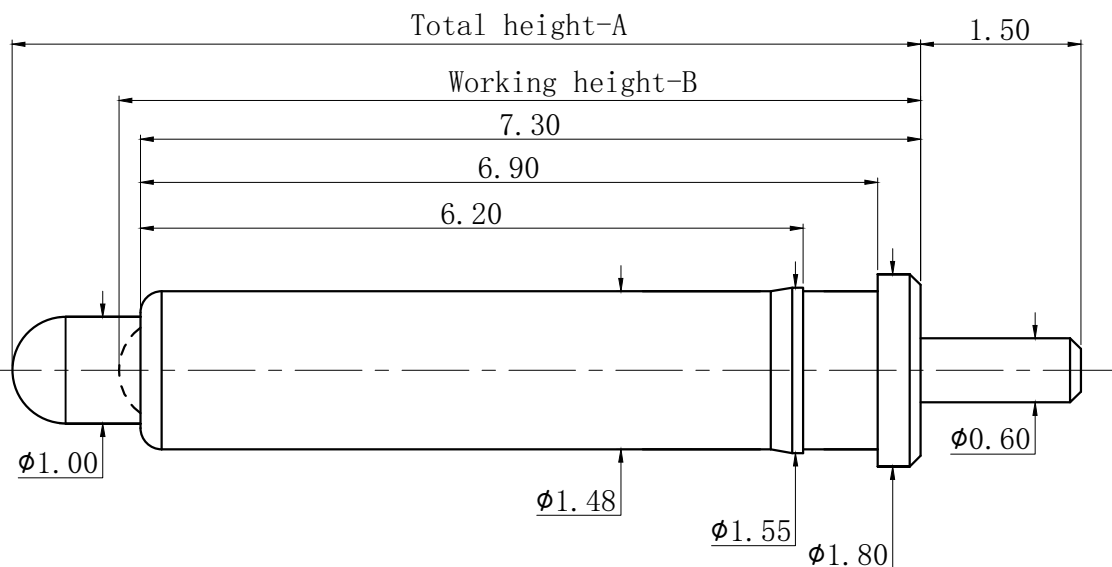
- Rated voltage: DC 12V ; Rated current: 3A Max.
(额定电压: DC 12V 额定电流: 最大3A)
- Contact resistance of SP1111-ring pin : 50 milliohm Max.
(单针接触阻抗: 最大50毫欧姆)

NO	Model (型号)	Total height-A (总高度-A)	Working height-B (工作高度-B)	Rated current (额定电流)
1	SP1111-63075	7.5	6.5	3A
2	SP1111-63080	8.0	7.0	3A





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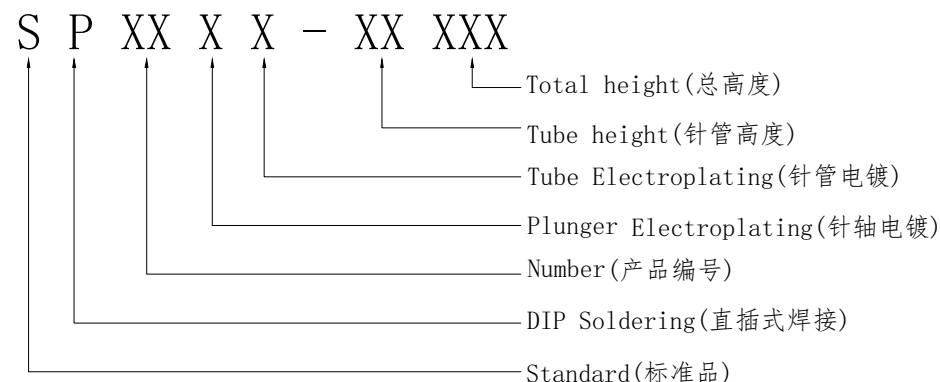
Mechanical(机械性能):

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- Life test: 20,000 cycles
(寿命测试: 20000次循环)

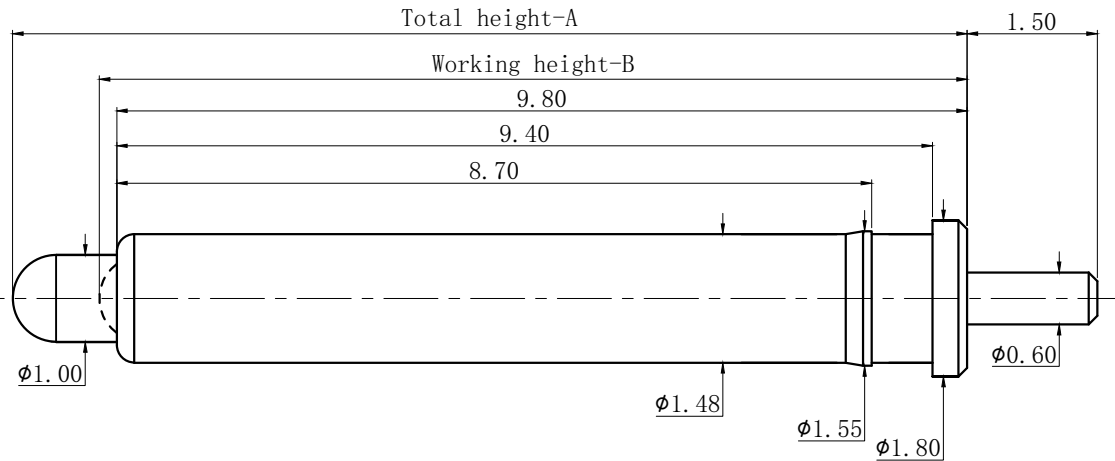
Electrical(电气性能):

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(额定电压: DC 12V 额定电流: 最大3A)
- Contact resistance of SP1111-ring pin : 50 milliohm Max.
(单针接触阻抗: 最大50毫欧姆)

NO	Model (型号)	Total height-A (总高度-A)	Working height-B (工作高度-B)	Rated current (额定电流)
1	SP1111-73085	8.5	7.5	3A
2	SP1111-73090	9.0	8.0	3A
3	SP1111-73095	9.5	8.5	3A
4	SP1111-73100	10.0	9.0	3A



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(单针接触阻抗: 最大50毫欧姆)

NO	Model (型号)	Total height-A (总高度-A)	Working height-B (工作高度-B)	Rated current (额定电流)
1	SP1111-98110	11.0	10.0	3A
2	SP1111-98120	12.0	11.0	3A
3	SP1111-98130	13.0	12.0	3A
4	SP1111-98140	14.0	13.0	3A

