



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



2.54间距标准品弹簧针连接器

2.54 Pitch Standard Pogo pin connector

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:

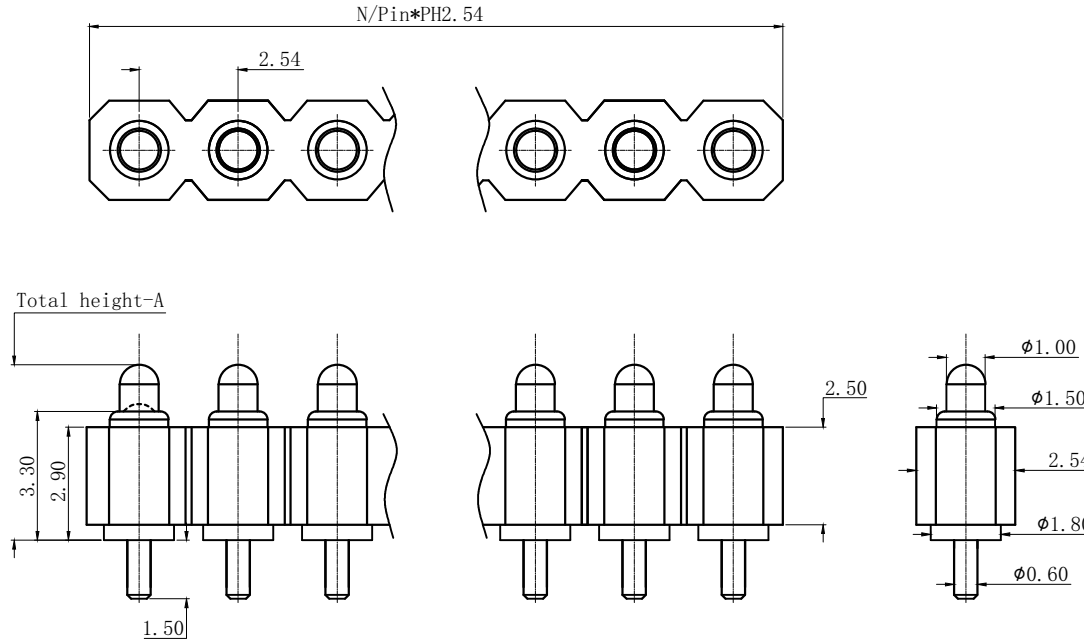
- Insulator: Black High Temperature Resistant Plastics
(绝缘体: 黑色耐高温塑料)
- Plunger : Brass 0.125um Au over 1.5um~2.5um Ni
(柱塞: 黄铜 表面镀金5u 底层镀镍60u-100u)
- Tube: Brass 0.125um Au over 1.5um~2.5um Ni
(铜管: 黄铜 表面镀金5u 底层镀镍60u-100u)
- Spring: SUS 0.025um Au
(弹簧: 不锈钢 表面镀金1u)

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)

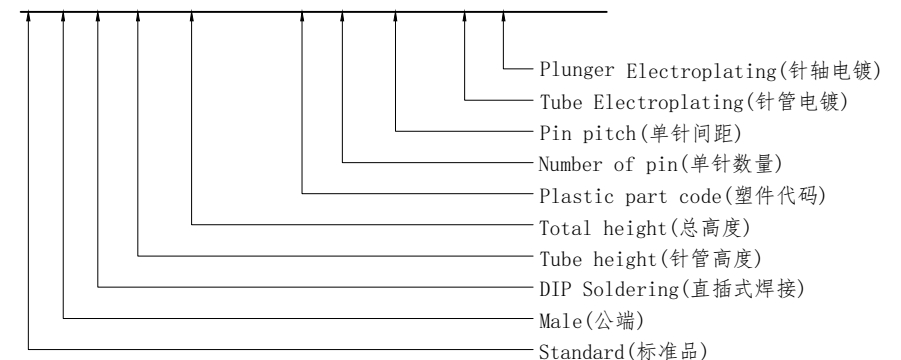
Electrical(电气性能):

- Rated voltage: DC 12V ; Rated current: 1A Max.
(额定电压: DC 12V 额定电流: 最大1A)
- Contact resistance of SP1011-ring pin : 50 milliohm Max.
(单针接触阻抗: 最大50毫欧姆)



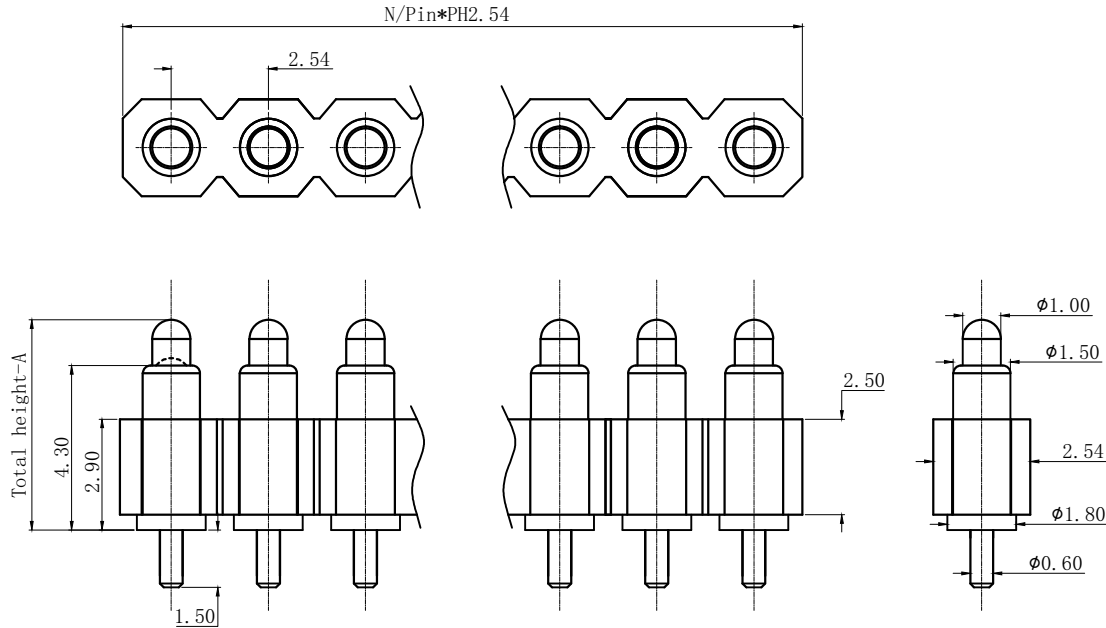
NO	Model (型号)	Total height-A (总高度-A)	BOM (物料编码)	
			Pogo pin (弹簧针)	Housing <胶壳>
1	SMP33045-ANN25411	4.5	SP1111-33045	SHA-NN254
2	SMP33050-ANN25411	5.0	SP1111-33050	SHA-NN254

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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:

- Insulator: Black High Temperature Resistant Plastics
(绝缘体: 黑色耐高温塑料)
- 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-100u)
- 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-100u)
- Spring: SUS 0.025um Au
(弹簧: 不锈钢 表面镀金1u)

Mechanical(机械性能):

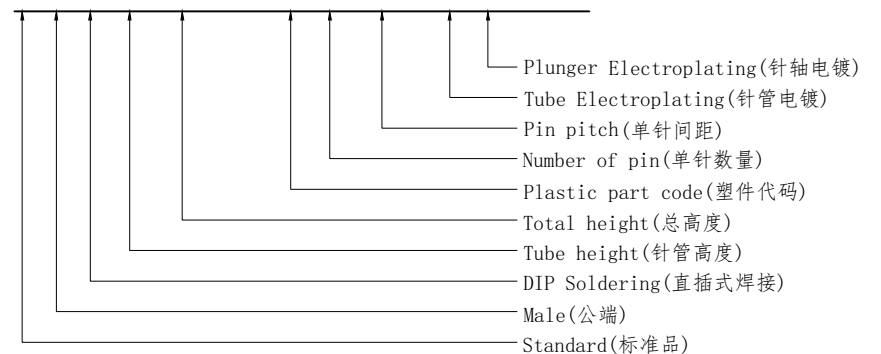
- Contact force: 80g $\pm$ 20g at 1.0mm working stroke Full stroke 1.2mm
(接触力: 在1.0mm的工作压力下弹力为80g $\pm$ 20g 最大行程1.2mm)
- Life test: 20,000 cycles
(寿命测试: 20000次循环)

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 SP1011-ring pin : 50 milliohm Max.
(单针接触阻抗: 最大50毫欧姆)

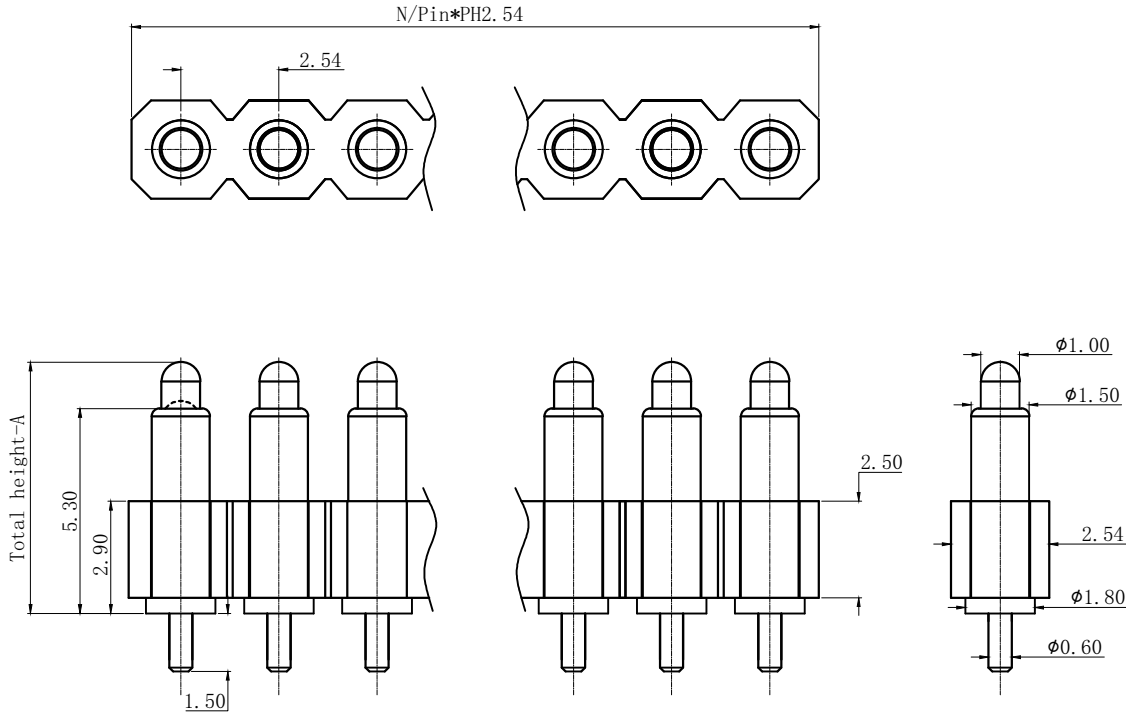
NO	Model (型号)	Total height-A (总高度-A)	BOM (物料编码)	
			Pogo pin (弹簧针)	Housing <胶壳>
1	SMP43055-ANN25411	5.5	SP1111-43055	SHA-NN254
2	SMP43060-ANN25411	6.0	SP1111-43060	SHA-NN254

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

Materials:

- Insulator: Black High Temperature Resistant Plastics
(绝缘体: 黑色耐高温塑料)
- 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-100u)
- 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-100u)
- Spring: SUS 0.025um Au
(弹簧: 不锈钢 表面镀金1u)

Mechanical(机械性能):

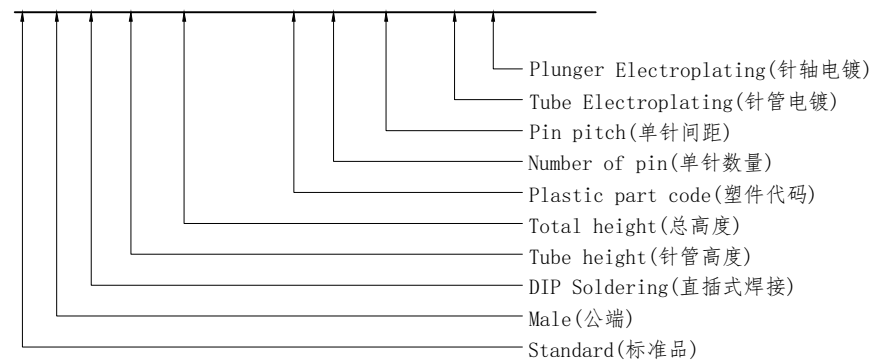
- Contact force: 80g±20g at 1.0mm working storke Full storke 1.2mm
(接触力: 在1.0mm的工作压力下弹力为80g±20g 最大行程1.2mm)
- Life test: 20,000 cycles
(寿命测试: 20000次循环)

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 SP1011-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)	BOM (物料编码)	
			Pogo pin (弹簧针)	Housing <胶壳>
1	SMP53065-ANN25411	6.5	SP1111-53065	SHA-NN254
2	SMP53070-ANN25411	7.0	SP1111-53070	SHA-NN254

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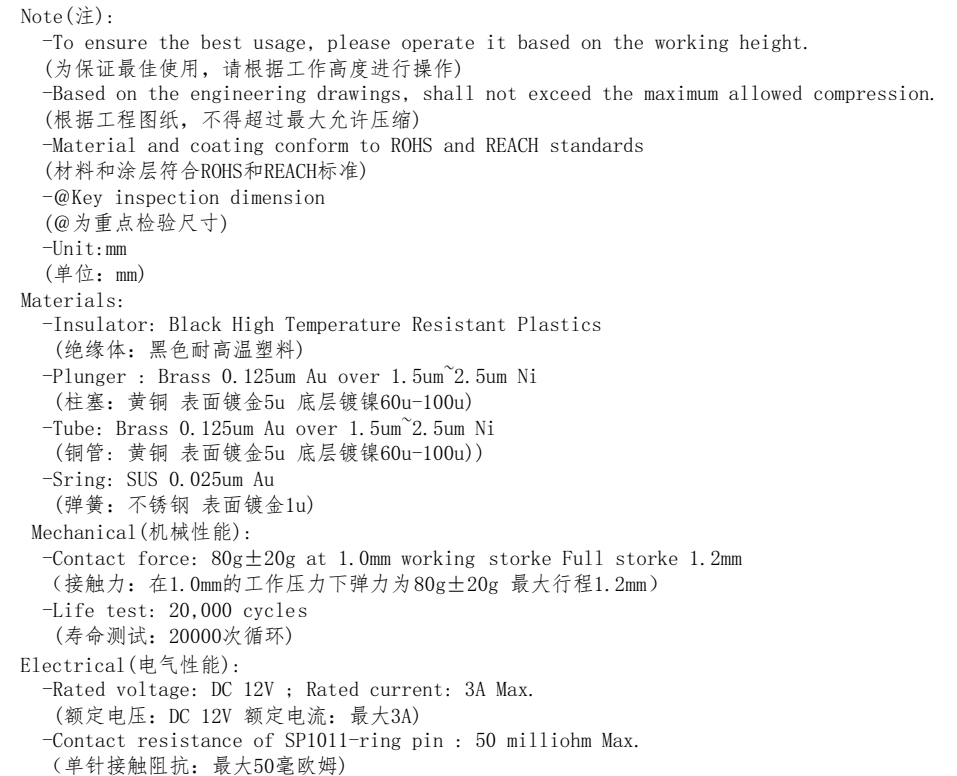
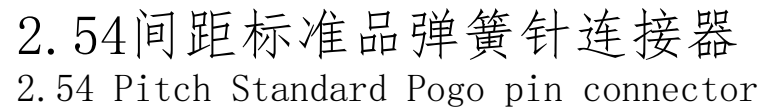
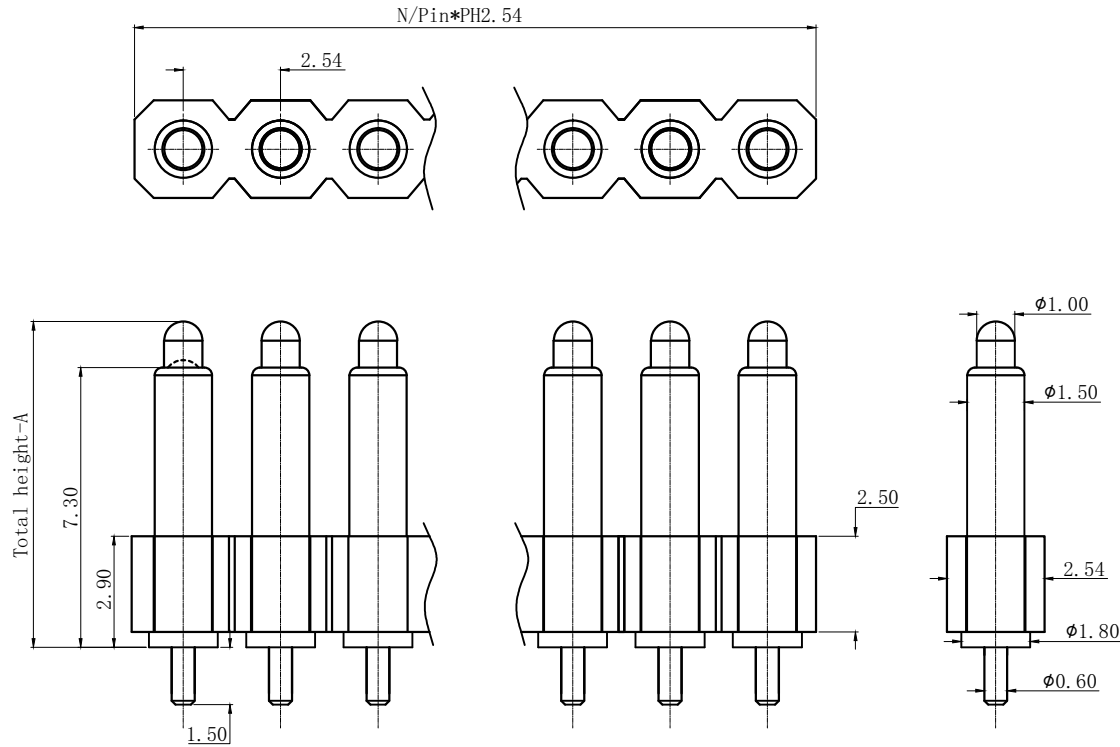


Diagram illustrating the relationship between Pin Code and Pin Number:

Pin Code	Pin Number	Feature
S	1	Standard (标准品)
M	2	Male (公端)
P	3	DIP Soldering (直插式焊接)
XX	4	Tube height (针管高度)
XXX	5	Total height (总高度)
-	6	Plastic part code (塑件代码)
A	7	Number of pin (单针数量)
NN	8	Pin pitch (单针间距)
XXX	9	Tube Electroplating (针管电镀)
S	10	Plunger Electroplating (针轴电镀)
S	20	

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- Unit:mm
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Materials:

- Insulator: Black High Temperature Resistant Plastics
(绝缘体: 黑色耐高温塑料)
- 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-100u)
- 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-100u)
- Spring: SUS 0.025um Au
(弹簧: 不锈钢 表面镀金1u)

Mechanical(机械性能):

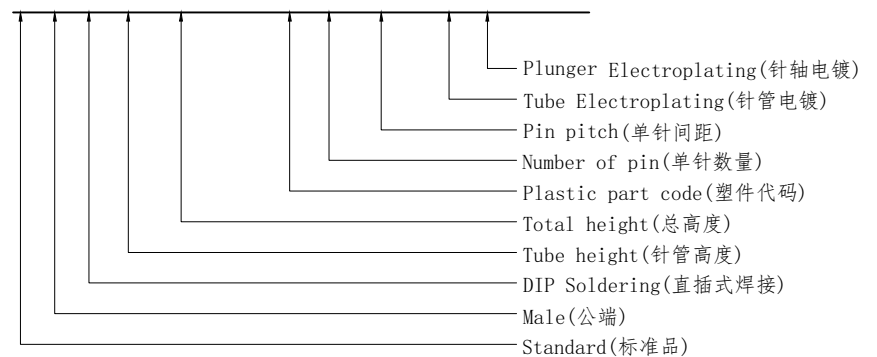
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- Life test: 20,000 cycles
(寿命测试: 20000次循环)

Electrical(电气性能):

- Rated voltage: DC 12V ; Rated current: 3A Max.
(额定电压: DC 12V 额定电流: 最大3A)
- Contact resistance of SP1011-ring pin : 50 milliohm Max.
(单针接触阻抗: 最大50毫欧姆)

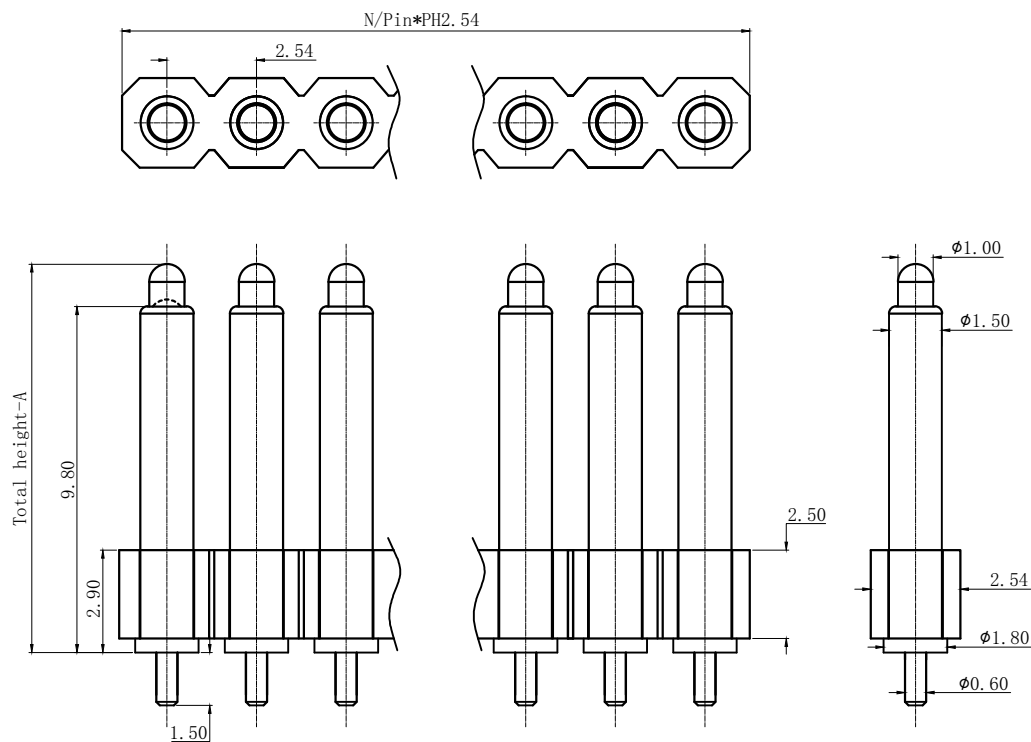
NO	Model (型号)	Total height-A (总高度-A)	BOM (物料编码)	
			Pogo pin (弹簧针)	Housing <胶壳>
1	SMP73085-ANN25411	8.5	SP1111-73085	SHA-NN254
2	SMP73090-ANN25411	9.0	SP1111-73090	SHA-NN254
3	SMP73095-ANN25411	9.5	SP1111-73095	SHA-NN254
4	SMP73100-ANN25411	10.0	SP1111-73100	SHA-NN254

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NO	Model (型号)	Total height-A (总高度-A)	BOM (物料编码)	
			Pogo pin (弹簧针)	Housing <胶壳>
1	SMP98110-ANN25411	11.0	SP1111-98110	SHA-NN254
2	SMP98120-ANN25411	12.0	SP1111-98120	SHA-NN254
3	SMP98130-ANN25411	13.0	SP1111-98130	SHA-NN254
4	SMP98140-ANN25411	14.0	SP1111-98140	SHA-NN254

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(柱塞: 黄铜 表面镀金5u 底层镀镍60u-100u)
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(铜管: 黄铜 表面镀金5u 底层镀镍60u-100u)
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(弹簧: 不锈钢 表面镀金1u)

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(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 SP1011-ring pin : 50 milliohm Max.
(单针接触阻抗: 最大50毫欧姆)

S M P XX XXX - A NN XXX S S

