



Recommended pcb layout

**Note:**

**1 materials:**

1-1 needle: C3604

1-2 tube: C3604

1-3 spring: SUS304

1-4 plastic: PA46

**2 surface treatment:**

2-1 needle:

Gold plated 5uin/ nickel base 50-80uin

2-2 casing:

5uin/ gold plating bottom 50-80uin

**3 Mechanical properties:**

3-1 stretch:

The working height of 9.2 mm

elastic 155g + 20%

3-2 durability: 10000 times

**4 electrical properties:**

4-1 rated voltage: 36V

4-2 rated current: 2.0A

4-3 contact resistance: 30mOhm

**5 ecological environment parameters:**

5-1 high temperature resistance of 260 DEG C

5-2 storage temperature range:

Between -40 to 70 DEG C.

5-3 humidity range:

10%RH to 90% relative humidity.

<p>Sumpak</p> <p>深圳市森柏科技有限公司</p>	GENERAL TOLERANCE		SCALE: 15:1	制图 李志强	DATE 2018-07-08	DRAWING NO: SB-ML35134P	Product Name:	REV. A
	XX. ±0.40		UNIT: mm	批准	DATE			Material number:
	X. ±0.25		SIZE: A4	审核	DATE		1/1	
	.X ±0.10	.X° ±1.0°						
.XX ±0.05	.XX° ±0.5°							