



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 10uin/ nickel base 50-80uin

2-2 casing:

5uin/ gold plating bottom 50-80uin

3 Mechanical properties:

3-1 stretch:

The working height of 10 mm

elastic 100g + 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	2017-08-23	DRAWING NO: SB-HY117P	Product Name:	REV.
	XX. ±0.40		UNIT:	mm	批准	DATE				A
	X. ±0.25		SIZE:	A4	审核	DATE		Material number:	7PIN连接器	SHEET
	.X ±0.10	.X° ±1.0°								1/1
.XX ±0.05	.XX° ±0.5°									