



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 5.7 mm elastic 150g + 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.

Sumpak 深圳市森柏科技有限公司	GENERAL TOLERANCE		SCALE: 15:1	制图 李志强	DATE 2015-02-15	DRAWING NO: SB-QY755P	Product Name: 5PIN 弹簧针	REV. A
	XX. ±0.40		UNIT: mm	批准	DATE			SHEET 1/1
	X. ±0.25		SIZE: A4	审核	DATE	Material number:		
	.X ±0.10	.X° ±1.0°						
.XX ±0.05	.XX° ±0.5°							