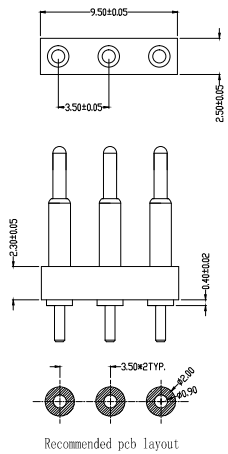
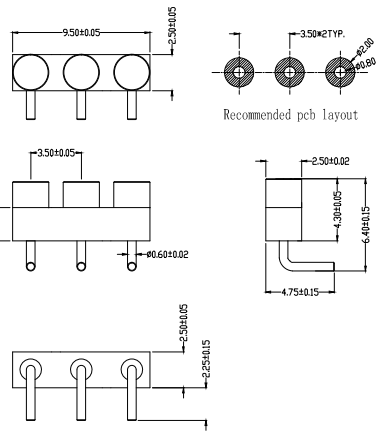


Recommended pcb layout

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 10.0 mm
elastic 95g + 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: XX. ±0.40, X. ±0.25, .X ±0.10, .XX ±0.05, .X° ±1.0°, .XX° ±0.5°	SCALE: 15:1 UNIT: mm SIZE: A4	制图 王文英	DATE 2019-09-06	DRAWING NO: SB-ZS113P	Product Name: 3PIN公座连接器	REV. A
			批准	DATE	Material number:		SHEET 1/1
			审核	DATE			



Recommended pcb layout

Note:
1 materials:
1-1 needle: C3604
1-2 plastic:PA46
2 surface treatment:
2-1 casing:
gold-plated 5uin / Ni based 50-100uin
3 Mechanical properties:
3-1 stretch:
The working height of 4.3 mm
4 electrical properties:
4-1 rated voltage: 36V
4-2 rated current: 3.0A
4-3 contact resistance:50mOhm
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: XX. ±0.40, X. ±0.25, .X ±0.10, .XX ±0.05, .X° ±1.0°, .XX° ±0.5°	SCALE: 15:1 UNIT: mm SIZE: A4	制图 李志强	DATE 2019-07-25	DRAWING NO: SB-ZS333P-2	Product Name: 3PIN母座连接器	REV. A
			批准	DATE	Material number:		SHEET 1/1
			审核	DATE			