



Note:

1 materials:
 1-1 needle: C3604
 1-2 tube: C3604
 1-3 spring: SUS304

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 10.0 mm
 elastic 250g + 20%
 3-2 durability: 10000 times

4 electrical properties:
 4-1 rated voltage: 36V
 4-2 rated current: 2.0A
 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.

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|-----------------------|-------------------|-----------|-------------|--------|-----------------|-----------------------|---------------------------------|------------------|
| Sumpak 深圳市森柏科技有限公司 | GENERAL TOLERANCE | | SCALE: 15:1 | 制图 李志强 | DATE 2017-11-06 | DRAWING NO: SB-MS2712 | Product Name: 2.7-12.0MM 弹簧针 | REV. A |
| | .XX ±0.40 | | UNIT: mm | 批准 | DATE | | | Material number: |
| | .X ±0.25 | | SIZE: A4 | 审核 | DATE | | | |
| | .X ±0.10 | .X° ±1.0° | | | | | | |
| .XX ±0.05 | .XX° ±0.5° | | | | | | | |