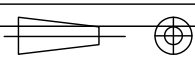
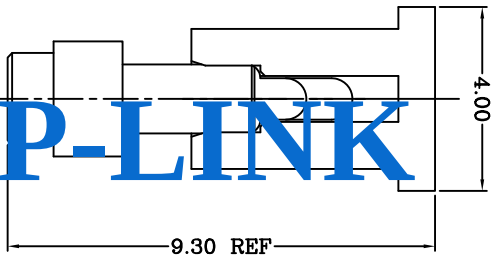
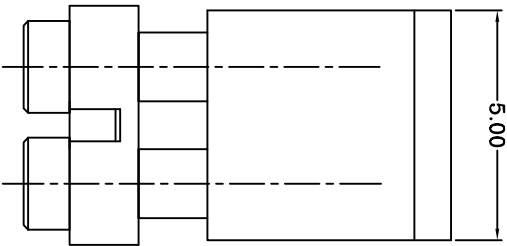
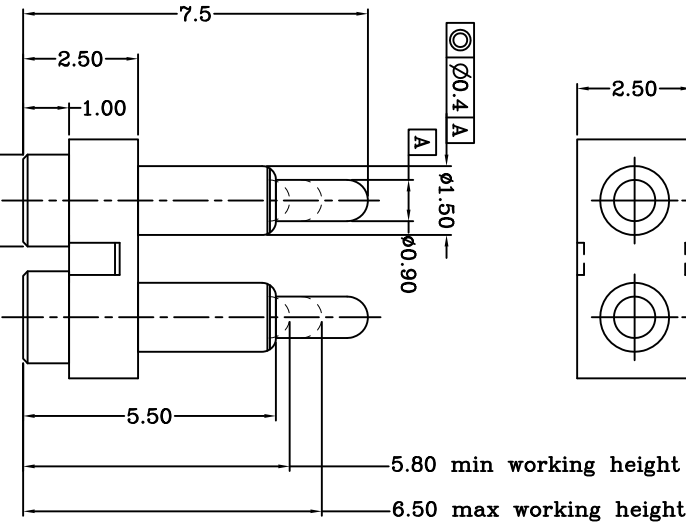
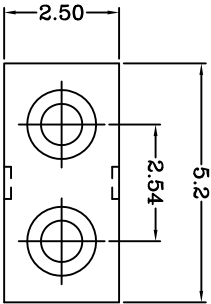


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DWN No.:  
C-100590

Proposal



TOP-LINK

| Item | Part name | Q'ty/Ed | Material          | Finish                                       |
|------|-----------|---------|-------------------|----------------------------------------------|
| 1    | HSG       | 1       | 胶芯PA46            | _____                                        |
| 2    | Body      | 3       | C3604(黄铜C3604)    | Au plating 0.1um min<br>Ni plating 1.4um min |
| 3    | Plunger   | 3       | C3604(黄铜C3604)    | Au plating 0.4um min<br>Ni plating 1.4um min |
| 4    | Spring    | 3       | SUS304(不锈钢SUS304) | _____                                        |
| 5    | CAP       | 1       | 胶芯PA46            | _____                                        |

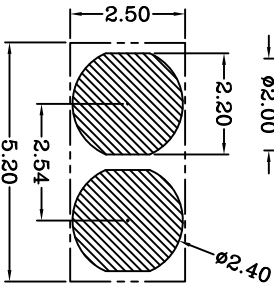
| Table 1 Mechanical performance       |        |                |
|--------------------------------------|--------|----------------|
| max working height<br>(最大工作高度)       | 6.50mm | 80gf min<2.1>  |
| min working height<br>(最小工作高度)       | 5.80mm | 180gf max<2.1> |
| Durability(寿命)<br>10000cycle(10000次) |        |                |

Notes:

- Dimensions shall be interpreted per ASME Y14.5M.  
尺寸标准遵照ASME Y14.5M.
- Mechanical performance(See the table 1) (机械性能见表1)  
<2.1>The force is the average of forces obtained when plunger goes downwards and upwards.  
<2.1>弹力大小为产品下压和回弹时的平均值  
<2.2>Warning: Working height are not permitted to be less than Min working height.  
<2.2>工作高度不得低于标示的最小工作高度
- Electrical performance (电气性能)  
Insulation Resistance: 1.000MOhm minimum(绝缘电阻: 1000M欧以上)  
Dielectric Withstand Voltage: 500VAC/minute(抗电压: 500VAC/minute)  
Dynamic Resistance: 30mOhm Max.(between max and min working height)  
工作高度范围内的动态电阻: 最大30mOhm  
Current rating: 2.5A(额定电流: 2.5A)
- Packaging specification conforms to EIA 481  
包装规范符合EIA 481
- Working temperature (工作环境)  
Withstanding Higt Temperature: 270℃(耐温: 270℃)  
Operational Temperature: -40℃~+85℃(工作温度: -40℃~+85℃)
- RoHS compliant.(产品符合RoHS标准)

|                                                                              |        |                    |                  |       |                                                                     |        |
|------------------------------------------------------------------------------|--------|--------------------|------------------|-------|---------------------------------------------------------------------|--------|
| Top-Link Electronics Ltd.                                                    |        | Type               | Customer drawing | Unit  | mm                                                                  | Weight |
| TOLERANCES UNLESS OTHER SPECIFIED                                            |        | DWN:               | Gui zhiqiao      | APVD: | <div>Top-Link Electronics</div> <div>Top-Link Electronics Ltd</div> |        |
| 0.0                                                                          | ± 0.15 | CHK:               |                  | REL:  |                                                                     |        |
| 0.00                                                                         | ± 0.10 |                    |                  |       |                                                                     |        |
| 0.000                                                                        | ± 0.01 |                    |                  |       |                                                                     |        |
| Angle: ±1°                                                                   |        |                    |                  |       |                                                                     |        |
| SURF. TEXTURE: REMOVE BURRS. BREAK SHARP EDGES RO.05 MAX.DD NOT SCALE PRINT. |        | Name               |                  |       |                                                                     |        |
|                                                                              |        | Pogo pin connector |                  |       |                                                                     |        |
| Scale                                                                        | Size   | DWG No.            | Page             |       | Rev.                                                                |        |
| 1:1                                                                          | A4     | C-100590           | 1/1              |       | 1                                                                   |        |

Recommended PCB Layout



DIST  
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DIST  
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4

3

2

1