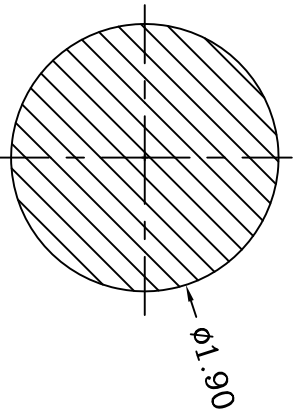
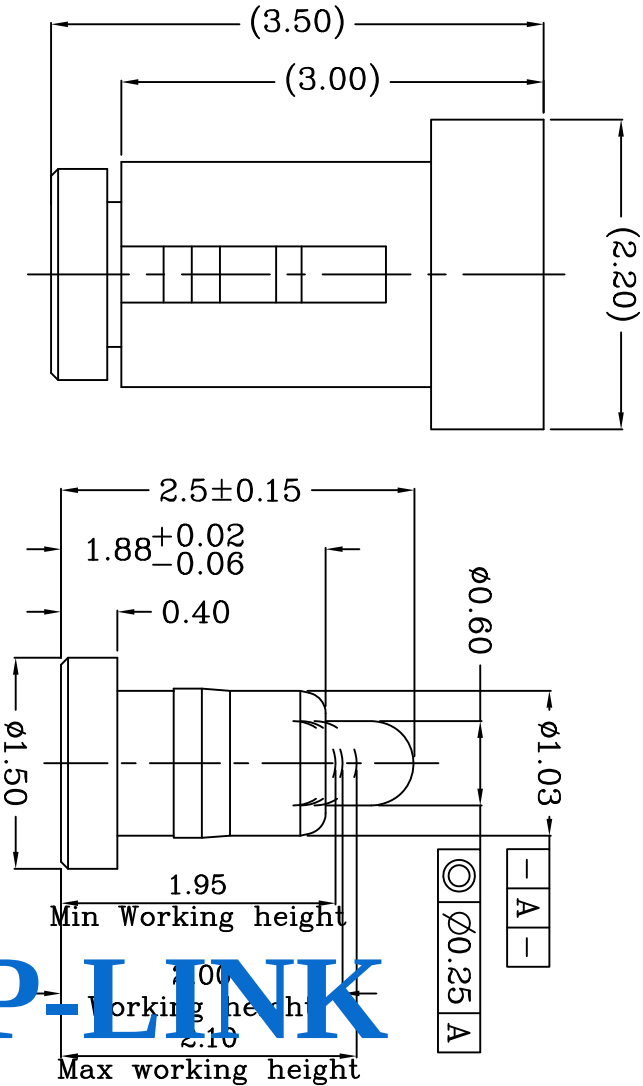


proposal



Recommended PCB Layout

TOP-LINK

| Item | Part name | Q'ty/Pack | Material                                   | Finish                    |
|------|-----------|-----------|--------------------------------------------|---------------------------|
| 1    | Body      | 1         | Leaded Brass                               | Au 0.1um plating Ni 1.4um |
| 2    | Plunger   | 1         | Leaded Brass                               | Au 0.4um plating Ni 1.4um |
| 3    | Spring    | 1         | Stainless steel wire                       | _____                     |
| 4    | Cap       | 1         | High temp. Plastic<br>UL94 V-0 Color Black | _____                     |
| 5    |           |           |                                            |                           |

| Table 1 Mechanical performance |            |          |       |
|--------------------------------|------------|----------|-------|
| Max working height             | 2.10mm     | 40gf min | <2.1> |
| working height                 | 2.00mm     | 70±20gf  | <2.1> |
| Durability                     | 10000cycle |          |       |

Notes:

- 1 Dimensions shall be interpreted per ASME Y14.5M.
- 2 Mechanical performance(See the table 1)
- <2.1>The force is the average of forces obtained when plunger goes downwards and upwards.
- <2.2>Warning:Working height are not permitted to be less than Min working height.
- 3 Electrical performance  
Resistance:30mOhm Max.
- Current rating: 1.0A
- 4 Packaging specification conforms to EIA 481
- 5 RoHS compliant.

| Top-link Electronics Ltd.         |                    |               |                     |
|-----------------------------------|--------------------|---------------|---------------------|
| TOLERANCES UNLESS OTHER SPECIFIED | 0.0 = ± 0.15       | 0.00 = ± 0.10 | 0.000 = ± 0.05      |
| Angle: ± 0.000                    | ± 0.05             | ± 0.05        | ± 0.05              |
| REMOVE BURRS.                     | BREAK SHARP EDGES  | RO.05 MAX.    | DO NOT SCALE PRINT. |
| Type                              | Customer drawing   | Unit          | mm                  |
| DWN:                              | Cai wanlu          | APVD:         |                     |
| CHK:                              |                    | REL:          |                     |
| Name                              | Pogo pin connector |               |                     |
| Scale                             | 1:1                | Size          | A4                  |
| DWG No.                           | C-1001126          |               |                     |
| Page                              | 1/1                |               |                     |
| Rev.                              | 2                  |               |                     |