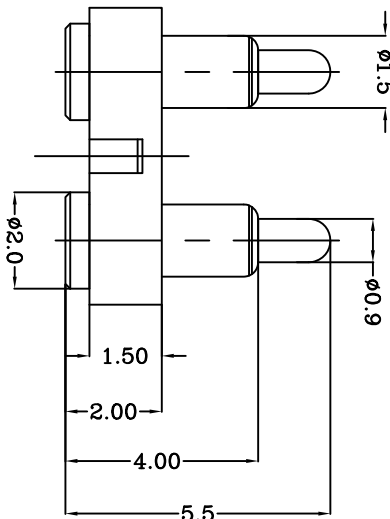
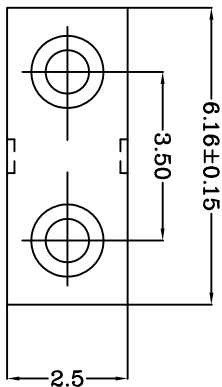
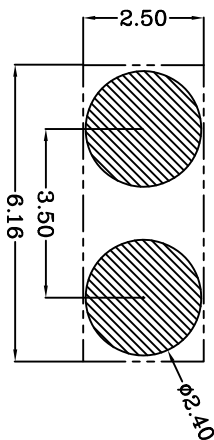


Working height 4.50



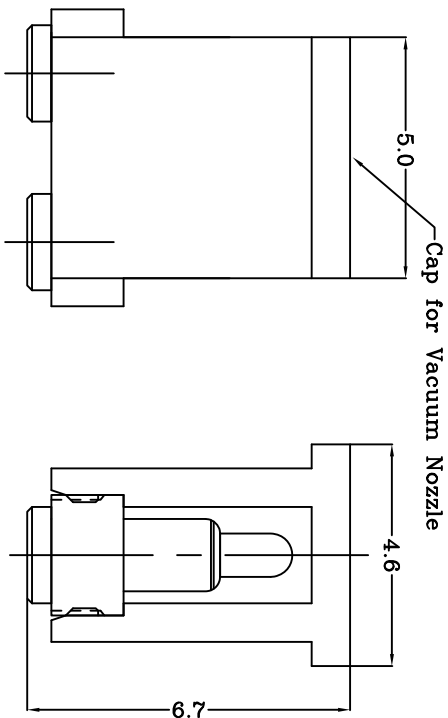
## Recommended PCB Layout

Table 1 Mechanical performance

| Table 1 Mechanical performance |            |                |
|--------------------------------|------------|----------------|
| working height                 | 4.50mm     | 120±30gf <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: 2.0A
- 4 Packaging Specification conforms to EIA 481
- 5 RoHS compliant.



| Item | Part name | Q'ty/Ea' | Material                                   | Finish                           |
|------|-----------|----------|--------------------------------------------|----------------------------------|
| 1    | HSG       | 1        | High temp. Plastic<br>UL94 V-0 Color Black | _____                            |
| 2    | Body      | 2        | Leaded Brass                               | Gold plating over Nickel plating |
| 3    | Plunger   | 2        | Leaded Brass                               | Gold plating over Nickel plating |
| 4    | Spring    | 2        | Stainless steel wire                       | _____                            |
| 5    | CAP       | 1        | High temp. Plastic<br>UL94 V-0 Color Black | _____                            |

| Top-Link Electronics Ltd          | Type  | Customer drawing   | Unit      | mm       | Weight |
|-----------------------------------|-------|--------------------|-----------|----------|--------|
| TOLERANCES UNLESS OTHER SPECIFIED | DWG:  | Minos              | APVD:     |          |        |
| 0.0 $\pm$ 0.15                    | CHK:  |                    | REL:      |          |        |
| 0.00 $\pm$ 0.1                    |       |                    |           |          |        |
| 0.000 $\pm$ -                     |       |                    |           |          |        |
| ANGLE: 30°                        | Name  | POGO PIN CONNECTOR |           |          |        |
| SURF. TEXTURE:                    |       |                    |           |          |        |
| REMOVE BURRS                      |       |                    |           |          |        |
| BREAK SHARP EDGES                 |       |                    |           |          |        |
| R0.05 MAX/DO NOT SCALE PRINT.     | Scale | Size               | DWG No.   |          |        |
|                                   | 1:1   | A4                 | C-1000081 | Page 1/1 | Rev. A |