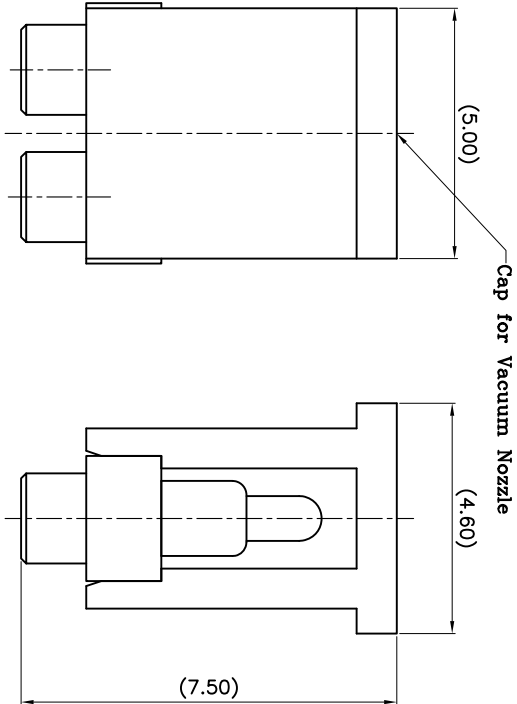
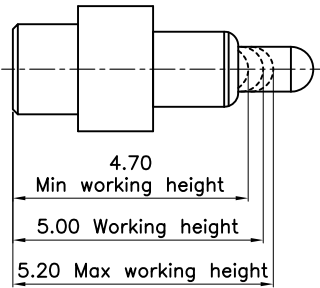
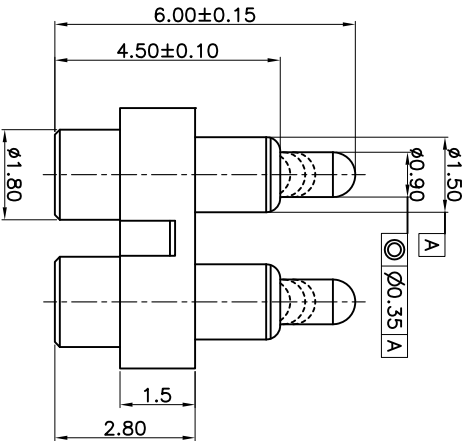


RECOMMEND PCB LAYOUT(TOP VIEW)  
Layout Tolerance:  $\pm 0.05\text{mm}$



Cap for Vacuum Nozzle

# TOP-LINK

| Table 1: Mechanical performance |                   |      |     |
|---------------------------------|-------------------|------|-----|
| Working Height                  | 5.0mm             | 80gf | Min |
| Durability                      | 10000 Cycles Min. |      |     |

- 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
    - <3.1>Current rating: 2.0A
    - <3.2>Voltage rating: 36VAC/DC
    - <3.3>Dynamic Resistance:30mOhm Max (between max and min working height)
  - 4 Environmental performance
    - <4.1> RoHS compliant
    - <4.2>Operating Temperature range:-40°C~+85°C
    - <4.3>Withstanding High Temperature:260°C/10Sec
  - 5 Packaging:Carrier tape

| A    | update          | 2019.01.18 |
|------|-----------------|------------|
| 1    | New Release     | 08/04/07   |
| Item | Revision record | Date       |

Top-Link  
Electronics Ltd.  
TOLERANCES UNLESS  
OTHER SPECIFIED  
0.0 =  $\pm 0.15$   
0.00 =  $\pm 0.10$   
0.000 =  $\pm$   
Angle:  $\pm 1^\circ$   
SURF TEXTURE:  
REMOVE BURRS,  
BREAK SHARP EDGES  
R0.05 MAX,DO NOT  
SCALE PRINT.

| Item | Part Name | Q'TY | Material                                   | Finish                                   |
|------|-----------|------|--------------------------------------------|------------------------------------------|
| 5    | CAP       | 1pcs | High temp.Plastic;<br>UL94 V-0 Color Black | -----                                    |
| 4    | Body      | 2pcs | Leaded Brass                               | Au 0.1um min plated<br>over 1.4um min Ni |
| 3    | Plunger   | 2pcs | Leaded Brass                               | Au 0.4um min plated<br>over 1.4um min Ni |
| 2    | Spring    | 2pcs | Stainless steel wire                       | -----                                    |
| 1    | Housing   | 1pcs | High temp.Plastic;<br>UL94 V-0 Color Black | -----                                    |

| Type | Customer drawing | Unit  | mm |
|------|------------------|-------|----|
| DRW: | Caiwanlu         | APRD: |    |
| CHK: | REL:             |       |    |

top-link

| Name  | Pogo Pin Connector | Part NO. | 100312-2 | Page | 1/1 | Rev: | A |
|-------|--------------------|----------|----------|------|-----|------|---|
| Scale | Size               | A4       |          |      |     |      |   |
| 1:1   | A4                 |          |          |      |     |      |   |