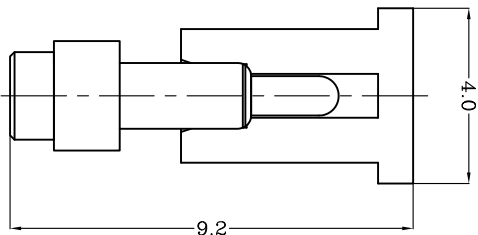
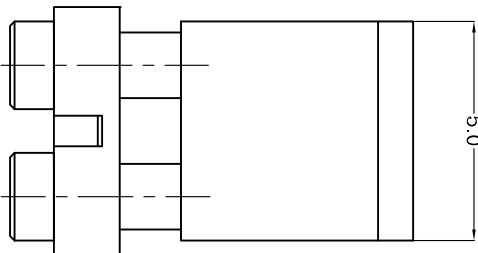
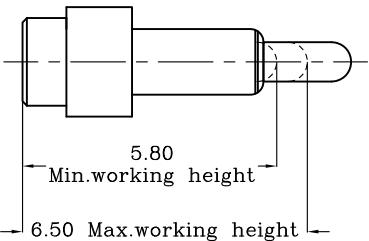
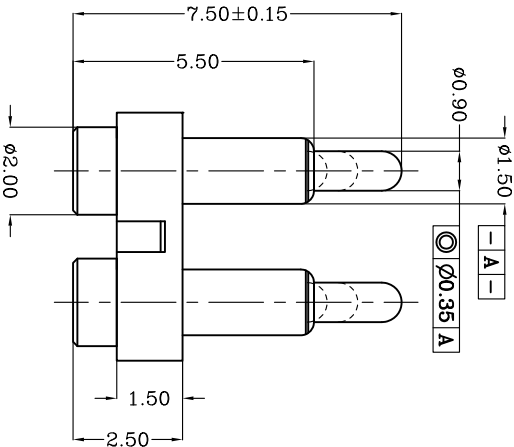


Recommended solder paste thickness is 0.10 mm  
Recommended PCB Layout



| 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 | _____                            |

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.

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Table 1 Mechanical performance

| Max.working height | 6.50mm     | 80gf min<2.1> |
|--------------------|------------|---------------|
| Min.working height | 5.80mm     | 165±35        |
| Durability         | 10000cycle |               |

100263-2

PART NUMBER

| Top-Link Electronics Ltd                                                      |  | Type               | Unit             | Weight   |                                                                      |
|-------------------------------------------------------------------------------|--|--------------------|------------------|----------|----------------------------------------------------------------------|
| TOLERANCES UNLESS OTHER SPECIFIED                                             |  | DWN:               | Customer drawing | mm       |                                                                      |
| 0.0 = ±0.15                                                                   |  | CHK:               | Cai wanlu        |          | <div>Top-Link Electronics</div> <div>Top-Link Electronics Ltd.</div> |
| 0.00 = ±0.10                                                                  |  | REL:               |                  |          |                                                                      |
| 0.000 = ±0.001                                                                |  | Name               |                  |          |                                                                      |
| Angle: ±1°                                                                    |  | Pogo pin connector |                  |          |                                                                      |
| SURF. TEXTURE: REMOVE BURRS. BREAK SHARP EDGES R0.05 MAX. DO NOT SCALE PRINT. |  | Scale              | Size             | DWG No.  | Page                                                                 |
|                                                                               |  | 1:1                | A4               | C-100263 | 1/1                                                                  |
|                                                                               |  |                    |                  |          | Rev. A1                                                              |

DIST  
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| Rev. | Update           | Date.      |
|------|------------------|------------|
| A1   | NEW              | 2007/12/25 |
| Rev. | Revision record. |            |