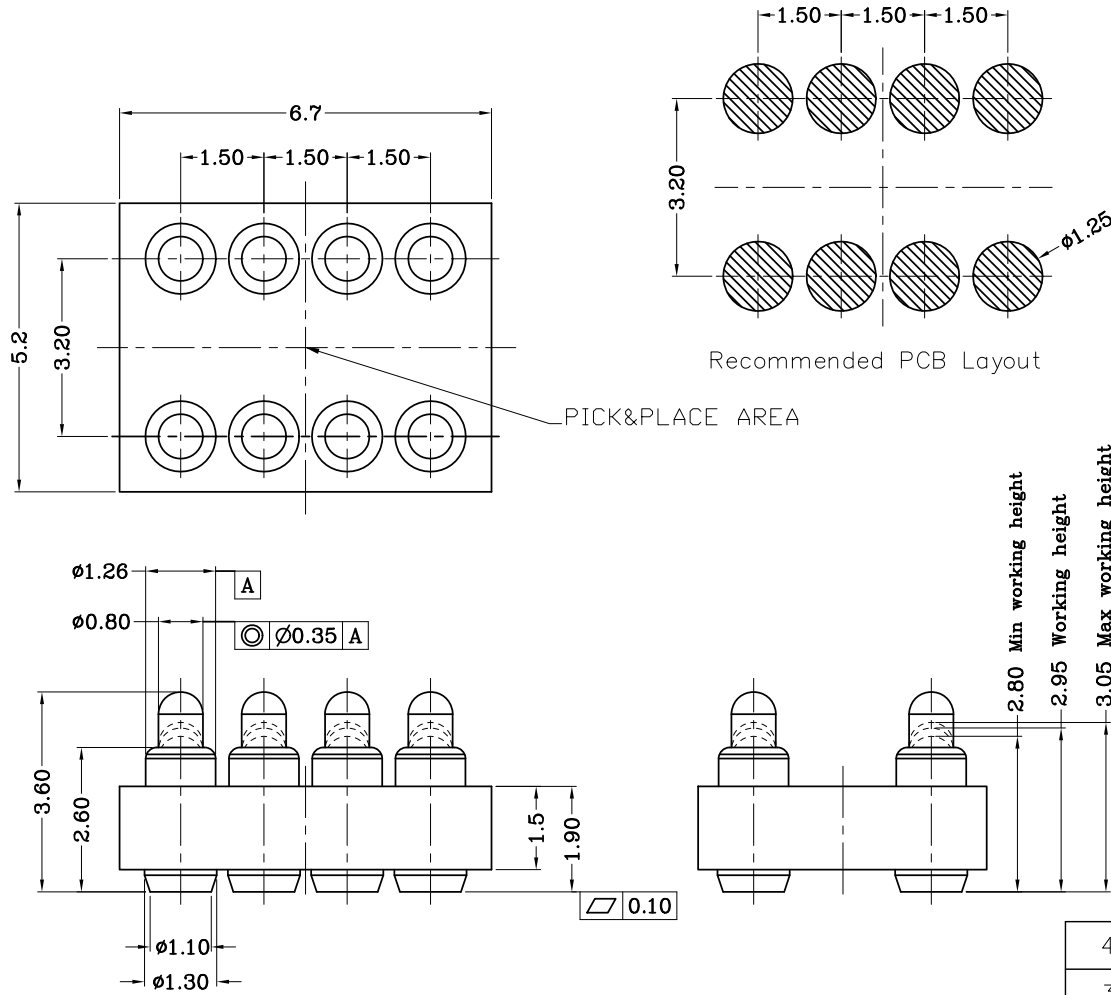


THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN TOP-LINK PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM TOP-LINK LTD.



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)
  - <3.4>Insulation Resistance: 100MOhm minimum
- 4 Environmental performance
  - <4.1>RoHS/HF compliant
  - <4.2>Salt Spray:48h Min
  - <4.3>Operating Temperature range: -40°C~+85°C
  - <4.4>Withstanding Higt Temperature: 260°C/10Sec
- 5 Packaging: Carrier tape

|                |                   |         |
|----------------|-------------------|---------|
| Working Height | 2.95mm            | 70±20gf |
| Durability     | 10000 Cycles Min. |         |

| 4    | Body      | 8    | Leaded Brass   | Au plating 0.10um min<br>Ni plating 1.40um min |
|------|-----------|------|--|--|
| 3    | Plunger   | 8    | Leaded Brass   | Au plating 0.25um min<br>Ni plating 1.40um min |
| 2    | Spring    | 8    | Stainless steel wire                                   | -----  |
| 1    | Housing   | 1    | High temp.Plastic UL94 V-0<br>Halogen-free Color Black | -----  |
| Item | Part Name | Q'TY | Material   | Finish   |

Top-Link Electronics Ltd.  
 TOLERANCES UNLESS OTHER SPECIFIED  
 0. = ± -  
 0.0 = ± 0.15  
 0.00 = ± 0.10  
 0.000= ± -  
 Angle: ±1°  
 SURF TEXTURE:  
 REMOVE BURRS.  
 BREAK SHARP EDGES  
 R0.05 MAX.DO NOT SCALE PRINT.

|                         |                  |             |      |                 |
|-------------------------|------------------|-------------|------|-----------------|
| Type                    | Customer drawing | Unit        | mm   | <b>top-link</b> |
| DWN:                    | Caiwanlu         | APVD:       |      |                 |
| CHK:                    |                  | REL:        |      |                 |
| NAME Pogo PIN Connector |                  |             |      |                 |
| Scale                   | Size             | Part NO.    | Page | Rev:            |
| 1:1                     | A4               | 10101081851 | 1/1  | XA              |

| XA   | New Release     | 2016.12.23 |
|------|-----------------|------------|
| Item | Revision record | Date       |