



## Recommended PCB Layout

Item	Part name	Q'ty/Ea	Material	Finish
1	HSG	1	High temp. Plastic UL94 V-0 Color Black	_____
2	Body	8	Leaded Brass	Gold plating over Nickel plating
3	Plunger	8	Leaded Brass	Gold plating over Nickel plating
4	Spring	8	Stainless steel wire	_____
5				

Table 1 Mechanical performance		
working height	4.50mm	65±25gf <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.

Top-Link Electronics Ltd	Type	Customer drawing	Unit	mm	Weight
TOLERANCES UNLESS OTHER SPECIFIED	DWG:		APVD:		
0.0 $\pm$ 0.15	Cai wantlu				<i>Top-Link Electronics</i>
0.00 $\pm$ 0.10	CHK:		REL:		Top-Link Electronics Ltd
0.000 $\pm$ 0.05					
ANGLE: 45°	Name	Pogo pin connector			
REMOVE TEXTURE: REMOVE BURRS					
BREAK SHARP EDGES					
R0.05 MAX.DO NOT SCALE PRINT.	Scale	Size	DWG No.		
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2	Update	2014/02/18
1	NEW	2014/02/17
Rev.	Revision record.	Date.