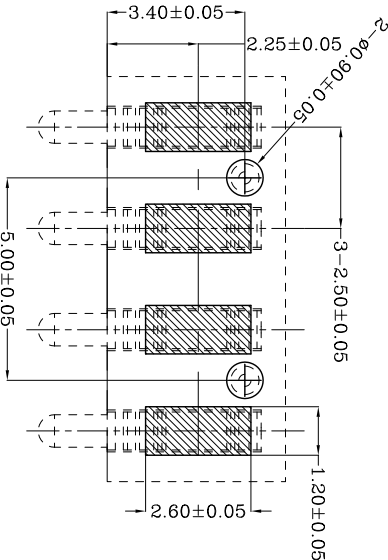
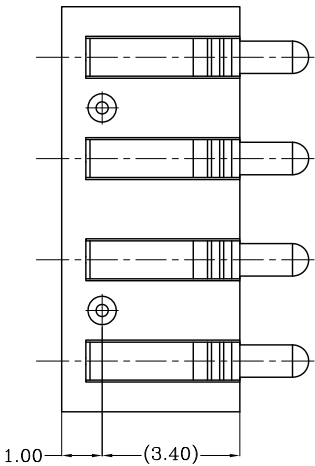
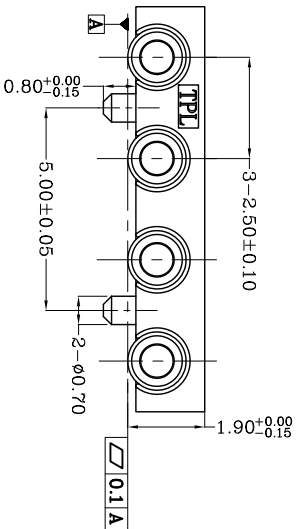
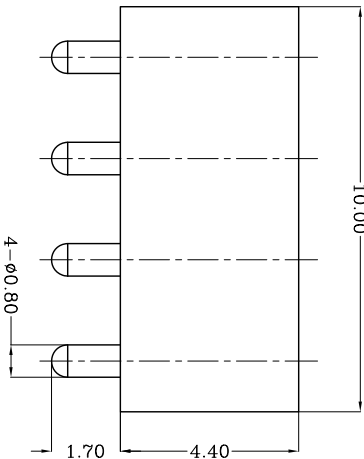
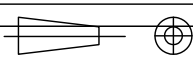




Recommended PCB Layout

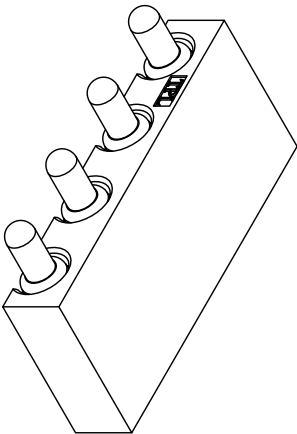


Table 2 Mechanical performance			
The Min.working Stroke	0.7mm	Min 100gf	<2.1>
The Max.working Stroke	1.10mm	160±35gf	
Durability	10000 cycle		

- Notes:
- 1 Dimensions shall be interpreted per ASME Y14.5M-1994.
 - 2 Mechanical performance(See the table 2)
 - <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: 2A DC
 - 4 Packaging Spec.
 - 5 RoHS compliant.
 - 6 Operating Temperature: -40°C to 85°C.

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

Top-Link Electronics Ltd.		Type	Unit	Weight	PART NUMBER	
TOLERANCES UNLESS OTHER SPECIFIED		DWN:	Customer drawing	mm	100542-4	
0.0 = ±0.15		CHK:	Qin Zuozhong		Top-Link Electronics Ltd.	
0.000 = ±0.10		REL:			Electronics	
Angle: ±1°		Name	Customer drawing			
SURF. TEXTURE: REMOVE BURRS.		Scale	Size	DWG No.	Page	Rev.
BREAK SHARP EDGES R0.05 MAX, DO NOT SCALE PRINT.		1:1	A4	C-100542	1/1	B

DIST

Renewal	2012/02/22
NEW	2011/12/28
Revision record.	Date.