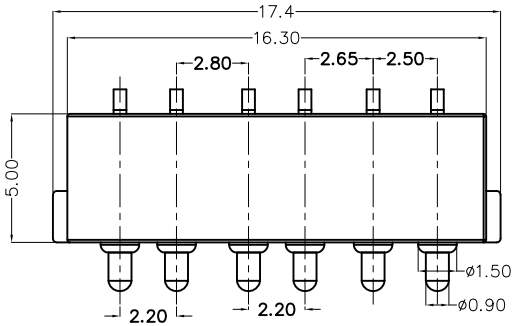
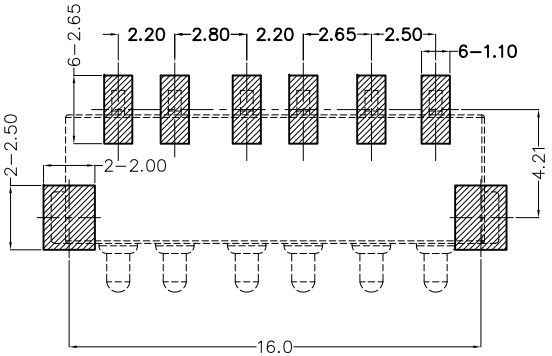
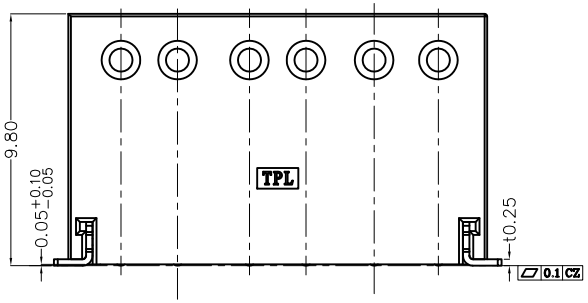
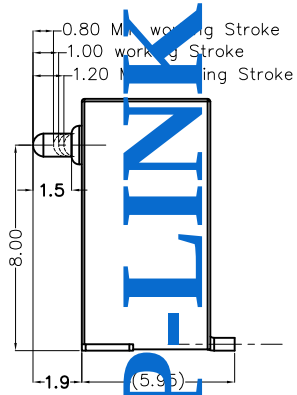
proposal

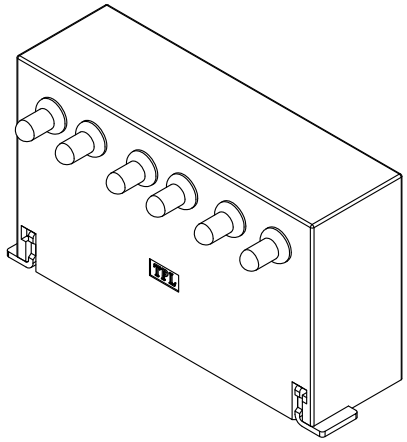




Recommended P.C.B layout (Component Side)

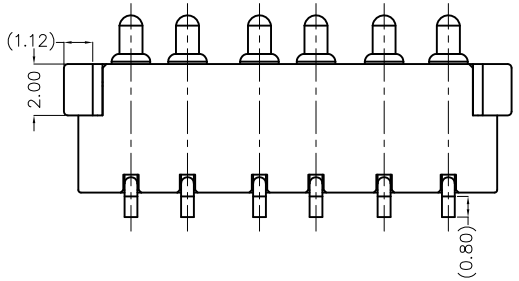






Item	Part name	Q'ty/Ea'	Material	Finish
1	HSG	1	High temp.Plastic UL94 V-0 Color Black	———
2	Body	6	Leaded Brass	Min Au 1.0um over min Ni 1.4um
3	Plunger	6	Leaded Brass	Min Au 1.0um over min Ni 1.4um
4	Spring	6	Stainless steel wire	———
5	Latch	2	Brass	Stannum plating over Nickel plating

Table 2 Mechanical performance		
Min.working Stroke	0.80mm	Min 90gf <2.1>
working Stroke	1.00mm	120±25gf <2.1>
Max.working Stroke	1.20mm	150±30gf <2.1>
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 forces obtained when plunger goes downwards and upwards.
<2.2>Warning: Working Stroke are not permitted to be larger than Max working Stroke.
3 Electrical performance
Resistance: 30mOhm Max.; Current: 2A DC
4 Packaging Spec.
5 Working temperature -40°C~+85°C and storing temperature -40°C~+85°C
6 RoHS compliant.

DWN No.: C-100722

Rev.	Revision record.	Date.
	Renewal	2012/11/16
	NEW	2011/08/09

DIST ———
DIST ———

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	Weight	
DWN: JERRY	APVD:	top-link Electronics Top-Link Electronics Ltd.	
CHK:	REL:		
Name: Customer drawing			
Scale: 1:1	Size: A4	DWG No.: C-100722	Page: 1/1 Rev.: 3.1

100722-6
PART NUMBER

4 3 2 1
D C B A