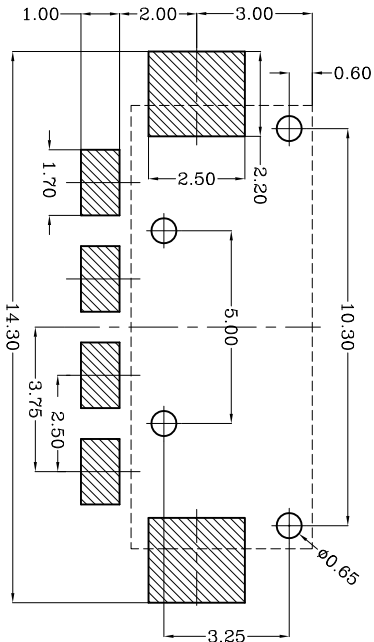
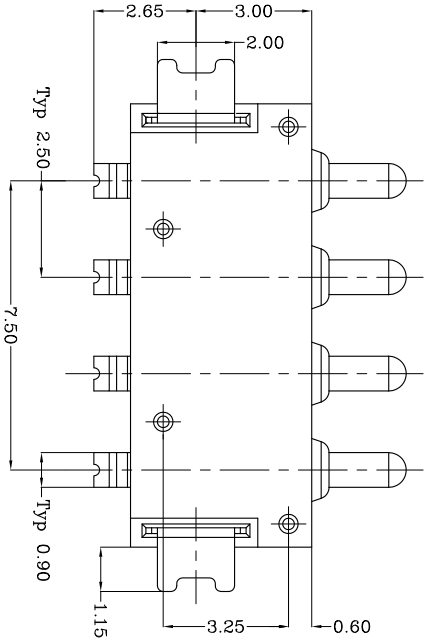
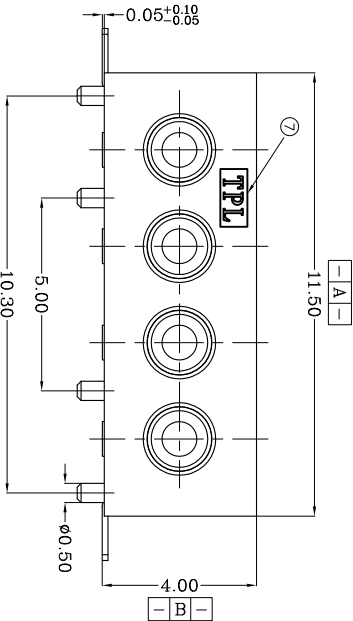
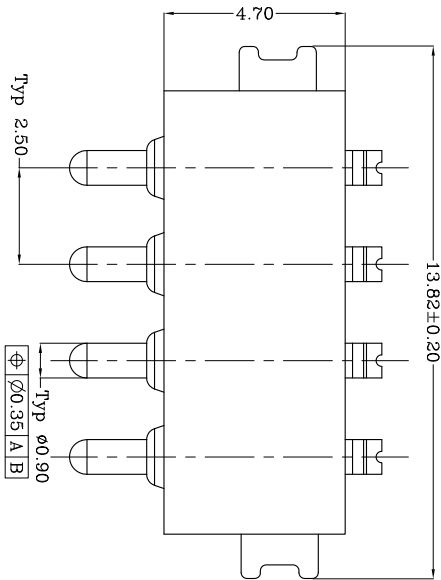
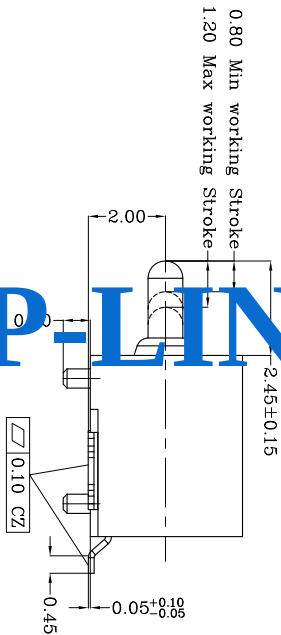


DWN No.:
C-100685



Recommended PCB Layout
Tolerance: ±0.05mm



Notes:
1 Dimensions shall be interpreted per ASME Y14.5M.
2 Materials and plating(See the table 1)
3 Mechanical performance(See the table 2)
<3.1>The force is the average of forces obtained when plunger goes downwards and upwards.
<3.2>Warning: Working stroke are not permitted to be larger than Max working stroke.
4 Electrical performance
Resistance: 30mOhm Max.; Current: 2A DC
5 Packaging Spec.Comformance to EIA 481
6 RoHS compliant.
7 "TPL"Toplink logo

TOP-LINK

Item	Part name	Qty/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	Contact	4	Phosphor Bronze	Gold plating over Nickel plating
6	Pod	2	Brass	Tin plating over Nickel plating

Table 2 Mechanical performance			
The Min.working Stroke		0.80mm	115±25gf <3.1>
The Max.working Stroke		1.20mm	145±35gf
Total stroke		1.40mm	
Durability		10000 cycle	

Notes:
1 Dimensions shall be interpreted per ASME Y14.5M.
2 Materials and plating(See the table 1)
3 Mechanical performance(See the table 2)
<3.1>The force is the average of forces obtained when plunger goes downwards and upwards.
<3.2>Warning: Working stroke are not permitted to be larger than Max working stroke.
4 Electrical performance
Resistance: 30mOhm Max.; Current: 2A DC
5 Packaging Spec.Comformance to EIA 481
6 RoHS compliant.
7 "TPL"Toplink logo

100685-4
PART NUMBER

②	Add total stroke	2011/05/04
	NEW	2011/04/08
Rev.	Revision record.	Date.

Top-Link Electronics Ltd.			
TOLERANCES UNLESS OTHERWISE SPECIFIED			
0.0	±0.15		
0.00	±0.10		
0.000	±0.05		
Angle: ±1°			
SURF. TEXTURE: REMOVE BURRS. BREAK SHARP EDGES R0.05 MAX.DO NOT SCALE PRINT.			
Type	Customer drawing	Unit	Weight
DWN:	APVD:		
CHK:	REL:		
Name Customer drawing PGC-1.5-2.0-RA-4P-2.5PH-4H			
Scale	Size	DWG No.	Page
1:1	A4	C-100685	1/1
			Rev. 2

Top-Link Electronics Ltd.