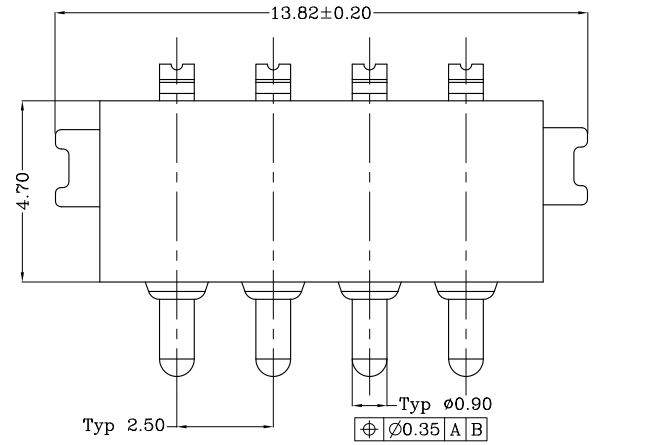
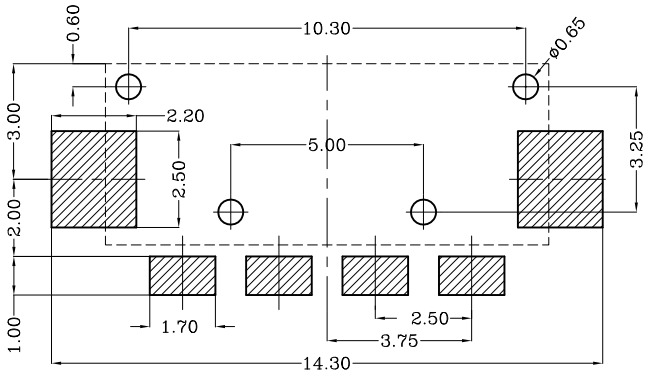
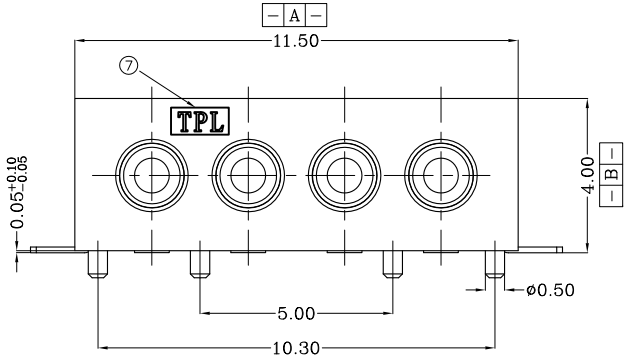




Recommended PCB Layout
Tolerance ±0.05mm

Item	Part name	Q'ty/Ea'	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	Pad	2	Brass	Tin plating over Nickel plating



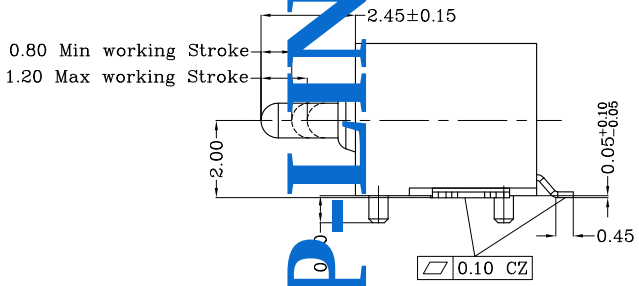
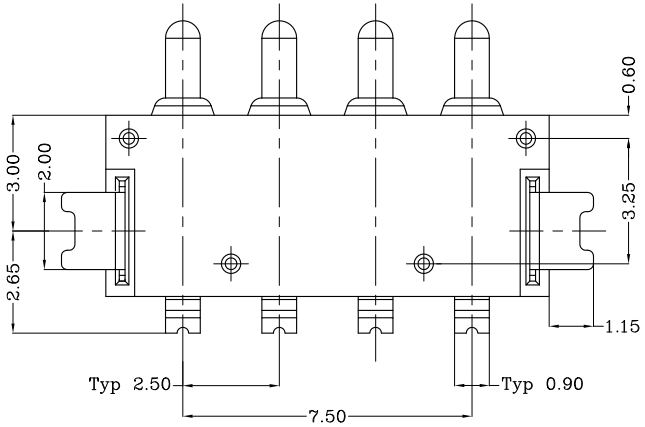


Table 2 Mechanical performance		
The Min.working Stroke	0.80mm	115±25gf <3.1>
The Max.working Stroke	1.20mm	145±35gf
② Total stroke	1.40mm	
Durability	10000 cycle	



Notes:
1 Demensions 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 complaint.
7 "TPL"Toplink logo

TOP-LINK

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

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: Qin	APVD:	top-link Electronics	Top-Link Electronics Ltd.
CHK:	REL:		
Name: Customer drawing PGC-1.5-2.0-RA-4P-2.5PH-4H			
Scale 1:1	Size A4	DWG No. C-100685	Page 1/1	Rev. 2

100685-4
PART NUMBER

DWN No.: C-100685

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