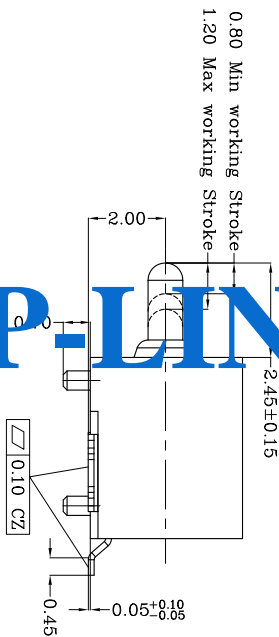


Recommended PCB Layout
Tolerance $\pm 0.05\text{mm}$



P-LINK

0.10	CZ
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Notes:
1 Dem

- 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. Conformance to EIA 481

6 RoHS complaint.

7 "TPL" Toplink logo

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

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

②

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. Conformance to EIA 481
- 6 RoHS compliant.
- 7 "TPL" Toplink logo

100685-4
PART NUMBER

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