

Technical drawing of a P-Link connector, showing two views: a top view (top) and a side view (bottom).

Top View Dimensions:

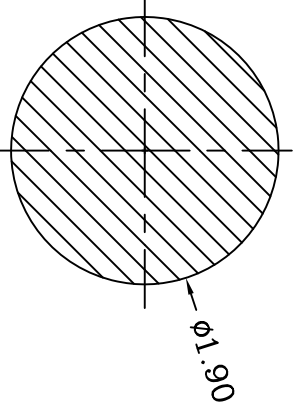
- Overall width: (3.50)
- Distance from left edge to center of pin: (3.00)
- Distance from center of pin to right edge: (2.20)

Side View Dimensions and Tolerances:

- Overall length: 2.5 ± 0.15
- Distance from left edge to start of pin: $1.88^{+0.02}_{-0.06}$
- Distance from start of pin to center of pin: 0.40
- Distance from center of pin to right edge: 1.95
- Pin diameter: $\phi 0.60$
- Distance from left edge to center of pin: $\phi 1.50$
- Distance from center of pin to right edge: $\phi 1.03$
- Min Working height: 2.00
- Working height: 2.10
- Max working height: 2.10

Feature Control Frames:

- Surface texture symbol: $\sqrt{\text{A}}$
- Positional tolerance: $\text{MBS} \text{ } \phi 0.25 \text{ A}$



Recommended PCB Layout

Item	Part name	q^*_{ty}/Pa^4	Material	Finish
1	Body	1	Leaded Brass	Au 0.1um plating Ni 1.4um
2	Plunger	1	Leaded Brass	Au 0.4um plating Ni 1.4um
3	Spring	1	Stainless steel wire	_____
4	Cap	1	High temp. Plastic UL94 V-0 Color Black	_____
5				

Table 1 Mechanical performance

Table 1 Mechanical performance		
Max working height	2.10mm	40gf min (<1>)
working height	2.00mm	70±20gf (<1>)
Durability	10000cycle	

Notes:

- 1 Dimensions shall be interpreted per ASME Y14.5M.
2 Mechanical performance(See the table 1)
3 <2.1>The force is the average of forces obtained when plunger
4 goes downwards and upwards.
5 <2.2>Warning:Working height are not permitted to be less
6 than Min working height.
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1001126-1	PART NUMBER
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		Top-Link Electronics Ltd.		Type	Customer drawing	Unit	mm	Weight	
		TOLERANCES UNLESS OTHERWISE SPECIFIED		DMV:	Cai wanlu	APV:		Top-Link Electronics Top-Link Electronics Ltd.	
2		Update		CHK:		REL:			
1		NEW		Name Pogo pin connector					
Rev.		Revision record.		Scale		Size	DMG No.	Page	Rev.
		Date.		1:1		A4	C-1001126	1/1	2