

DWN No.:	C-20101011283
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Technical drawing of a mechanical shaft assembly. The drawing shows a shaft with a central section of length 8.00 ± 0.15 . The shaft has a diameter of $\phi 2.00$ at the left end and $\phi 1.50$ at the right end. The central section has a diameter of $\phi 1.30 \pm 0.07$. The shaft is supported by a housing with a bore diameter of $\phi 0.90$. The shaft has a keyway with a width of 0.50 . The shaft is secured with a nut and washer. The drawing includes dimensions for the working height: 6.50 Min working height and 7.00 Max working height. The drawing also includes a tolerance zone symbol A and a feature control frame indicating a circular runout tolerance of A on the $\phi 0.35$ feature.

TOP-LINK

Max working height	7.00mm	80gf min <2.1>
Min working height	6.50mm	200gf Max
Durability	10000cycle	

1 Dimensions shall be interpreted per ASME Y14.5M.

2 Mechanical performance(See the table 1)

4.2.1>The force is the average of forces obtained when plunger goes downwards and upwards.

<2.2>Warning: Working height are not permitted to be less than Min working height.

3 Electrical performance

Resistance: 30mOhm Max.

Current rating: 3.0A

4 RoHS compliant.

Item	Part name	Qty/Ea	Material	Finish
1	Body	1	Leoded Brass	Au 0.4um plating Ni 1.4um
2	Plunger	1	Leoded Brass	Au 0.4um plating Ni 1.4um
3	Spring	1	Stainless steel wire	——
4				
5				

20101011283	PART NUMBER
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Type	Unit	Weight
Customer drawing	mm	_____

TOLERANCES UNLESS OTHER SPECIFIED	DMV: Cai wanlu	APVD:	<i>top-link</i> Electronics Top-link Electronics Ltd.
0. = +			
0.0 = ± 0.15			
0.00 = ± 0.10	CHK:	REL:	
0.000 = ±			

Angle: 41° SURF. TEXTURE: REMOVE BURRS	Name
	POGO PIN

BREAK START R0.05 MAX/DO NOT SCALE PRINT.	Scale 1:1	Size A4	DWG No. C-20101011283	Page 1/1	Rev. 2
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