

DWN No.:	C-100145
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Technical drawing of a three-hole punch. The drawing includes a side view (left) and a top view (right).

Side View Dimensions:

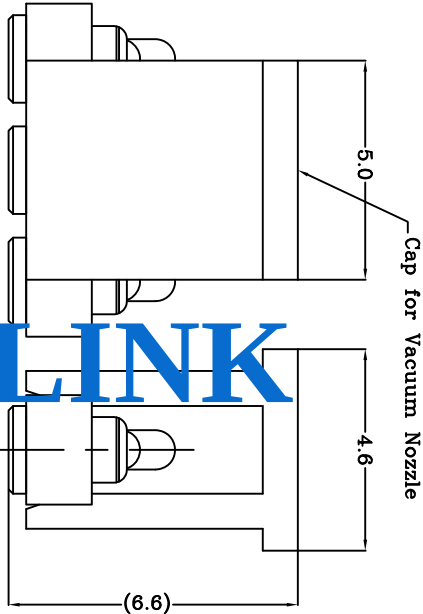
- Overall width: 1.90
- Top flange thickness: 0.40
- Overall height: 2.70
- Bottom flange thickness: 0.40
- Overall length: 3.8
- Distance from bottom flange to first hole center: 2.90
- Distance between hole centers: 2.54
- Distance from last hole center to bottom flange: 2.90
- Overall height including top flange: 3.1 working height
- Overall height including bottom flange: 2.90

Top View Dimensions:

- Overall width: 7.6
- Overall length: 2.5
- Distance between hole centers: 2.54

Feature Details:

- Three circular holes with diameter $\phi 0.30$ and tolerance A .
- Three circular holes with diameter $\phi 0.90$ and tolerance A .
- Three circular holes with diameter $\phi 1.50$ and tolerance A .

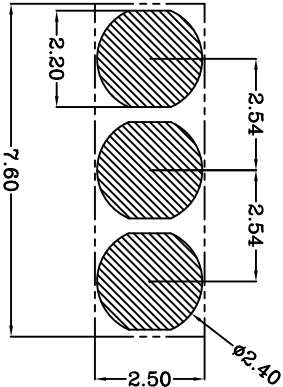


Item	Part name	Q'ty/Ea	Material	Finish
1	HSG	1	High temp. Plastic UL94 V-0 Color Black	_____
2	Body	3	Leaded Brass	Au 0.1um plating Ni 1.4um
3	Plunger	3	Leaded Brass	Au 0.4um plating Ni 1.4um
4	Spring	3	Stainless steel wire	_____
5	CAP	1	High temp. Plastic UL94 V-0 Color Black	_____

Table 1 Mechanical performance		
working height	3.10mm	80±30gf <2.1>
Durability	10000cycle	

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- 1 Dimensions shall be interpreted per ASME Y14.5M.
- 2 Mechanical performance(See the table 1)
- <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: 2.0A
- 4 Packaging specification conforms to EIA 481
- 5 RoHS compliant.



Recommended PCB Layout

DIST	1.1	Update	2014/02/18
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DIST	Rev.	Revision record.	Date.

Top-Link Electronics Ltd.	Type	Unit	Weight
	Customer drawing	mm	

100145-3
PART NUMBER

DWN:	APVD:	 Top-Link Electronics	Top-Link Electronics Ltd.
Qin Zuozhong	REL:		
CHK:			
Name Pogo pin connector			
Scale 1:1	Size A4	DWG No. C-100145	Page 1/1 Rev. 1.1